रजिस्टर्ड सं. डी--(डी एन)--128/91 REGISTERED NO. D—(DN)—128/91

सत्यमेव जयते

भारत का राजपत्र
The Gazette of India

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PUBLISHED BY AUTHORITY

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No. 27] NEW DELHI, SATURDAY, July 6, 1991 (ASADHA 15, 1913)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

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Calcutta, the 6th July, 1991

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Telegraphic address "PATOFFICE"

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Telegraphic address "PATENTOFIS".

Patent Office (Head Office),
"NIZAM PALACE", 2nd M S O Bldg.,
5th, 6th and 7th Floor,
234/4, Acharya Jagdish Bose Road,
Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 6 जुलाई 1991

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में स्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400 013

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दिव एवं दादरा और नगर हवेली।

तार पता—"पेटोफिसे"

पेटेंट कार्यालय शाखा,
इकाई सं० 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास-600 002

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप, मिनिकॉय तथा एमिनिदिवि द्वीप।

तार पता—"पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700 020

भारत का अवशेष क्षेत्र

तार पता—"पेटेंट्स"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क : —शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय स्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

AN UP-TO-DATE LIST OF PERSONS WHO HAVE BEEN REGISTERED AS PATENT AGENTS AS ON 31ST OCTOBER, 1990 UNDER SECTION 126 OF THE PATENTS ACT, 1970

01. Ahmed, S., 36, Taltolla Lane, Calcutta-16.

02. Ahuja, D.P. Messrs D.P. Ahuja & Co., 53, Syed Amir Ali Avenue, Calcutta-700 019.

03. Ahuja, S.D. Messrs D.P. Ahuja & Co., 53, Syed Amir Ali Avenue, Calcutta-700 019.

04. Amladi, B.P. (Mrs.), Purshottamdas Gokuldas, 39-D, Onlooker Building, Sir P.M. Road, Fort, Bombay-400 001.

05. Amladi, P.R., Purshottamdas Gokuldas, 39-D, Onlooker Building, Sir P.M. Road, Fort, Bombay-400 001.

06. Amladi, R.S., Messrs Purshottamdas Gokuldas, 39-D, Khorshed Building, Sir P.M. Road, Fort, Bombay-400 001.

07. Anand, N.K., Anand Villa, 1, Jaipur Estate, Nizamuddin East, New Delhi-110 013.

08. Anand, P., Anand Villa, 1, Jaipur Estate, Nizamuddin East, New Delhi-110 013.

09. Anand, R.K., Messrs Acme Company, Anand Villa, 1, Jaipur Estate, Nizamuddin East, New Delhi-110 013.

10. Arora, K. K., 1158, Kanak Mandi, Amritsar-143 001.

11. Aspandiar, B.R., Messrs Jehangir Gulabbhai & Bilimoria & Daruwalla, Rajabahadur Mansion, 20, Ambalal Doshi Marg, Fort, Bombay-400 023.

12. Atrishi, B.N., No. 108, Gautam Nagar, New Delhi-110 049.

13. Badrinath, S., Messrs. King & Partridge Catholic Centre, 64, Armenian Street, Madras-600 001.

14. Bakshani, B.H., 11, New Marine Lines, 4C, Fazalbhoy House, Bombay-400 020.

15. Banerjee, B.L., 88, Sebak Baidya Street, Calcutta-700 029.

16. Basu, A. (Dr.), 1-B, Old Post Office Street, Room No. 6, Ground Floor, Calcutta-700 001.

17. Bhagat, R., Messrs Remfry & Son, "Kanchenjunga", 18, Barakhamba Road, New Delhi-110 001.

18. Bhagat, S., Messrs Remfry & Son, "Kanchenjunga", 18, Barakhamba Road, New Delhi-110 001.

19. Bharucha, K.B. (Miss), Messrs Jahangir Gulabbhai & Bilimoria & Daruwal ...iur Mansion, 20, Ambalal Doshi Marg, (Hem...), Fort, Bombay-400 023, Maharashtra.

20. Bhate, M.D., Messrs Bhate & Ponkshe, 1423 (New) Shukrawar Peth, Pune-411 002.

21. Bhatia, R.L., 3/102, Subhash Nagar, New Delhi-110 027.

22. Bhattacharyya, R.P., Messrs DePenning & DePenning 31, Wallajah Road, Madras-600 002.

23. Bhaumik, A.K., M.B. Road, Sibachal More, Birati, Calcutta-700 051.

24. Biswas, P.K., 26, Garfa Main Road, Jadavpur, Calcutta-700 075.

25. Bose, A., 2, Bishop Lefroy Road, 2nd Floor, Calcutta-700 020.

26. Chakraborty, M.K., M/s. DePenning & DePenning, 10, Government Place, East, Calcutta-700 069.

27. Chakraborty, S., ESBI Law Consultants, 23A, Netaji Subhas Road, 7th Floor, Calcutta-700 001.

28. Chattopadhyay, S.K., Saba Ghosh & Co., 11, Russel Street, Calcutta-700 071.

29. Chugh, G.D., Premier Registration Service, Layers' Chambers, F-1, New Qutab Road, Delhi-110 006.

30. Daiveekan, R., 220/25, Third Main Road, Vyalikaval, Bangalore-560 003.

31. Dalmia, V.P., 1/276, Sriram Nagar, G.T. Road, Shahdara, Delhi-110 032.

32. Daruwalla, T.N., Messrs Jehangir Gulabbhai & Bilimoria & Daruwalla, Rajabahadur Mansion, 20, Ambalal Doshi Marg, Bombay-400 023.

33. Das, A., 19/5, Abinash Banerjee Lane, Calcutta-700 010.

34. Daswani, N.S., Messrs Daswani & Daswani, Jaba Kusum House, First Floor, 34, Chittaranjan Avenue, Calcutta-700 012.

35. Datta, D., Messrs T.P. Datta & Sons, 2. Ganesh Chandra Avenue, Calcutta-700 013.

36. Davar, G.S., Messrs L.S. Davar & Co. 506, Shakuntala, 59, Nehru Place, New Delhi-110 019.

37. Davar, L.S., Messrs L.S. Davar & Co., 'Monalisa'—Flats Nos. 1B & 1C, 17, Camac Street, Calcutta-700 017.

38. Dave Priti, S. (Mrs.), High Court Road, Bhavnagar-364 001, Gujarat.

39. Dave Sunil, A., High Court Road, Bhavnagar-364 001, Gujarat.

40. DePenning, R.G., Messrs DePenning & DePenning, 31, Wallajah Road, Madras-600 002.

41. Dewan, M., Messrs R.K. Dewan & Co., 78, Podar Chambers, S.A. Brelvi Road, Fort, Bombay-400 001.

42. Dutt, S.K., Messrs L.S. Davar & Co., 506, Shakuntala, 59, Nehru Place, New Delhi-110 019.

43. Dutt, A.K., 86, Tanupukur Road, Calcutta-700.031.

44. Gabriel, A., Messrs Lall Lahiri & Salhotra, N-128, Panchsheel Park, New Delhi-110 017.

45. Gabriel, D.C., Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

46. Ghosh, B., Messrs T.P. Datta & Sons, 2, Ganesh Chandra Avenue, Calcutta-700 013.

47. Goel, A.K., Messrs Ashoka Trade Marks Co., 14, Amar Chambers, Nihar House, 14F, Connaught Place, New Delhi-110 001.

48. Gopalakrishna, V., Messrs King & Partridge, 26/1, Lavelle Road, Bangalore-560 001.

49. Graham, P.N.G., 12, Sunkurama Street, Madras-600 001.

50. Groser, F.S., Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

51. Gupta, D., Messrs Anand & Anand, 1, Jaipur Estate, Nizamuddin, East, New Delhi-110 013.

52. Gupta, J., Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

53. Gupta, S.R., Modi Lane, No.3, Sitabuldi, Nagpur.

54. Gvalani, V.C., Anur Park, Bldg. No. 3/1, 3rd Floor, S.T. Road, Chembur, Bombay-400 071.

55. Holla, A. R., 64, III Main Road, Vijoyanagar, Bangalore-560 040.

56. Jain, S.K., 554, Western Wing, Lawyers Chambers Complex, New Courts, Tis Hazari, Delhi-110 054.

57. Japee, A.K.P., 3, Breghtons Road, Kanikapuram, P. Box-970, Madras-600 012.

58. Jhunjhunwala, R.N., 9, Old Post Office Street, Calcutta-700 001.

59. Jose, K.T. 12/2, HIG Welcome Apartments, Thirumangalam, Anna Nagar West, Madras-600 101.

60. Jose, M.A., Messrs DePenning & DePenning, 16, Nepean Sea Road, 'Alaknanda', Bombay-400 036.

61. Joshi, C.N., 511, S.V.P Road, Krishna Bhavan, Bombay-400 004.

62. Joshi, N.K., Chotti Dhantoli, Nagpur.

63. Kalra, S.N., H-32, Kalkaji, New Delhi-110 019.

64. Kane, H.W., Servants of India Society's Building, Sardar Vallabhbhai Patel Road, Bombay-400 004.

65. Kane, W.S., Servants of India Society's Building, Sardar Vallabhbhai Patel Road, Bombay-400 004.

66. Kapoor, R.N., 1700, Apsara, Arya Samaj Road, Karol Bagh, New Delhi.

67. Katti, R.K., 18/3, Sandesh Society, Salisbury Park, Pune-411 001.

68. Kaul, J.K. 606, Rohit House, 3, Tolstoy Marg, New Delhi-110 001.

69. Kayser, I.N., Raja Bahadur Mansion, 2nd Floor, Room No. 5E, 20, Ambalal Doshi Marg, Bombay-400 023.

70. Kini, A.R., A-2, New Devrup Society, Daulat Nagar, Relief Road, Santacruz West, Bombay-400 054.

71. Kumar, K. (Miss)., 2/135, Khosla Niwas, Telang Cross Road, Matunga, Bombay-400 019.

72. Kurian, J., 2, Wallace Garden, First Street, Madras-600 006.

73. Kurian, P.C., 18, Harrington Road, Chetpet, Madras-600 031.

74. Lakshminarayanan, B., No. 35, Wagathamman Koil Street, Madras-600 033.

75. Lall, A.R., N-128, Panchsheel Park, New Delhi-110 017.

76. Majumdar, S., Messrs H.V. Williams & Co., 17, Camac Street, Calcutta-700 017.

77. Malhotra, S.C., Messrs International Trade Marks Bureau, Ghia Niwas, 3rd Floor, 73/75, Suter Chawl, Zaveri Bazar, Bombay-400 002.

78. Mamak, I.M.S., B-464, New Friends Colony, New Delhi-110 065.

79. Maniar, C.M., Messrs Crawford Bayley & Co., State Bank Building, Bank Street, Bombay-400 023.

80. Marwaha, K.B., 6/322, Raja Park, Jaipur-302 004.

81. Mehrish, V.B., Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

82. Mehta, D.P.M., Messrs Little & Co., Central Bank Building, Fort, Bombay-400 023.

83. Mehta, R.K., Messrs Little & Co., Central Bank Building, Flora Fountain, Bombay-400 023.

84. Menda, M.G., 6/7, Sorab Bharucha Road, Colaba, Bombay-400 005.

85. Menon, M.R., 5, Sukh Dham, 199, Gaothan Road-1, Chembur, Bombay-400 071.

86. Menon, M.V., Messrs DePenning & DePenning, 31, Wallajah Road, Madras-600-002.

87. Mirchandani, M.P., Messrs M.P. Mirchandani & Co., 57, Sneh Sadan, Opp. Colaba Post Office, Bombay-400 005.

88. Mishra, S., B-11, Manak Complex, Station Road, Aurangabad-431 001, Maharashtra.

89. Muralidharan, R., Assistant Professor, National Law School of India University, Central College Compound, Bangalore-560 001.

90. Nagpaul, A.N., 5/10, West Patel Nagar, New Delhi-110 008.

91. Nair, R.R., Messrs DePenning & DePenning, 31, Wallajah Road, Madras-600 002.

92. Nair, V.G., 'Alakananda', 4th Floor, 16, Nepean Sea Road, Bombay-400 036.

93. Narasimhan, S.Y.V., 27, State Bank Street, Gobichettipalayam-638 452, Tamil Nadu.

94. Pai, P.B., Messrs P.S. Pai & Co., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-400 001.

95. Pai, R.B., Sri Durga Lakshmi Nivas, 1442A, 39th E. Cross, Between 18th & 19th Mains, Jayanagar IV, T. Block, Bangalore-560 011.

96. Pai, R.V., 4D, Mayurbhanj Apartments, 2, Mayurbhanj Road, Calcutta-700 023.

97. Pal, S.C., 65, Sisir Bhaduri Street, Sibachal Birati, Calcutta-700 051.

98. Ponkshe, S.S., Messrs Bhate & Ponkshe, 1423 (New) Shukrawar Peth, Pune-411 002.

99. Poojari, B.N., 58, Great Wester Bldg., Bakehouse Lane, Fort, Bombay-400 023.

100. Prasad, D.C., 95, Kuktaram Babu Street, Calcutta-700 007.

101. Rajagopalan, K., Messrs L.S. Davar & Co., Flats Nos. 1B & 1C, 17, Camac Street, 'Monalisa', Calcutta-700 017.

102. Ramachandran, R., No. 19, 2nd Street, Balaji Nagar, Royapettah, Madras-600 014.

103. Ramachandran, S., C-2/209, Janakpuri, New Delhi-110 058

104. Ramakrishnan, N.M., Messrs R.K. Dewan & Co., 78, Podar Chambers, S.A. Brelvi Road, Fort, Bombay-400 001.

105. Ramasarma, A.V.S., 5, Tara Road, Flat-6, Calcutta-700 026.

106. Rao, M.K., Messrs Kamath & Kamath, 101, Armenian Street, Madras-600 001.

107. Rao, V.N., 77, Madhugiri Apartments, 408, Sion Trombay Road, Chembur, Bombay-400 071.

108. Ray, B.G., 22/2, Manohar Pukur Road, Calcutta-700 029.

109. Roy, A.N., Messrs Saba, Ghosh & Co., RCTC Building, 11, Russel Street, Calcutta-700 071.

110. Roychowdhury, S.K., 33, Baker Road, Alipore, Calcutta-700 027.

111. Sagar, J., Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

112. Sagar, V. (Dr.), Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

113. Saha, A.M., Messrs Trade Marks Registration Bureau, 1, Netaji Subhash Road, Calcutta-700 001.

114. Sahai, H., Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

115. Sahni, A., 2489, Malowa Street, Pahar Ganj, New Delhi-55.

116. Salhotra, A. (Mrs.), N. 128, Panch Sheel Park, New Delhi-110 017.

117. Sarkar, M.C., AE-725, Sector-1, Salt Lake, Calcutta-700 064.

118. Sen, D., Messrs S.N. Deb & Co., 6, Old Post Office Street, Ground Floor, Calcutta-700 001.

119. Shah, B.S., Messrs Crawford Bayley & Co., State Bank Building, Bank Street, Bombay-400 023.

120. Shah, I.S. (Miss.), Plot No. 656, 20th Road, Khar, Bombay-400 052.

121. Shah, N.S. (Miss.), 20th Road, Khar, Bombay-400 052.

122. Shah, R.C.K.,Chamber No. 35, City Civil Court Compound, Bhandra, Ahmedabad-1.

123. Shah, S.B., 20th Road, Khar, Bombay-400 052.

124. Shah, S.M., C/o. M.H. Shah, Yusuf Bldg., Veer Nariman Road, Fort, Bombay-400 023.

125 Shah, V.P., Messrs Shah & Shah, 654, J. Sankar Shet Marg, Bombay-400 002.

126. Sharma, S.P., Messrs Calcutta Trade Marks Co., 236, Chandni Chowk (Fatehpuri), Above Baluja Boot House, Post Box No. 1237, Delhi-110 006.

127. Shukla, R.R., 69, Swastik Society, Navrangpura, Ahmedabad-380 009.

128. Singh, N., E-18, Saket, New Delhi-110 017.

129. Singh, P., House No. A-31/3, R.D.S.O. Colony, Manak Nagar, Lucknow, U.P.

130. Singh, V.C., 7/111, Gita Sion (West), Bombay-400 022.

131. Sinha, A.K., Messrs Sinsons & Co., 16, Sastitala Road, Calcutta-700 011.

132. Srinivasan, T.P., 24/4, Lake Terrace, Calcutta-700 029.

133. Subramaniam, H., Messrs Remfry & Sagar, Remfry House, 8, Nangal Raya Business Centre, New Delhi-110 046.

134. Trivedi, Y.J., 205, 'Ashirvad', Near H.K. House, Ashram Road, Ahmedabad-9.

135. Tyagi, R.C., 26, Budhana Gate, Meerut, U.P. 250 002.

136. Unnikrishnan, N.M., Room No. 9, 1st Floor, 51-61, Janjikar Street, Bombay-400 003.

137. Vaidyanathan, A., No. 1007, 10th Main, 1st Block, 3rd Stage, West of Chord Road, Bangalore-560 079.

138. Veeraraghavan, V., 10, Second Main Road, CIT Colony, Mylapore, Madras-600 004.

139. Vinobaji, A.J., Messrs DePenning & DePenning, 31, Wallajah Road, Madras-600 002.

140. Virmani, C.K., Messrs Lall Lahiri & Salhotra, N-128, Panchsheel Park, New Delhi-110 017.

141. Visveswaran, R., 152, Second Floor, Thambu Chetty Street, Madras-600 090.

142. Vyas, T.N., 206, Nimbalkar Chamber, Dandi Bazar, Baroda-390 001.

143. Yadav, R.P., Messrs L.S. Davar & Co., 1B & 1C, 'Monalisa', 17, Camac Street, Calcutta-700 017.

THE PATENT OFFICE

Calcutta, the 06th July, 1991

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135 of the Patents Act, 1970

24th May, 1991

391/Cal/91 Asta Pharma Aktiengesellschaft. Solid oral forms of application containing ifosfamide as active substance.

392/Cal/91 Hoechst Celanese Corporation. Improved method for producing ibuprofen.

27th May, 1991

393/Cal/91 Bioresearch Inc. Ingestibles containing substantially tasteless sweetness inhibitors as biter taste reducers or subtantially tasteless bitter inhibitors as sweet taste reducers.

394/Cal/91 Trutzschler Gmbh & Co. Kg. Device for an automatic joining of a card web with a card sliver in a carding machine for example.

395/Cal/91 Satake Engineering Co. Ltd. Dual-stator induction synchronous motor.

396/Cal/91 Samsung Electron Devices Co. Ltd. Method for manufacturing a screen of a color cathode ray tube.

397/Cal/91 Samsung Electron Devices Co. Ltd. Dust cleaning apparatus for electron gun of cathode ray tube.

398/Cal/91 Samsung Electron Devices Co. Ltd. Electron gun sealed state inspecting apparatus.

399/Cal/91 Samir Das Gupta. A novel multi-nozzle delivery system for fluids.

29th May, 1991

400/Cal/91 Ge/Ultrasonica. CVD diamond coated ultrasonic probe tips.

401/Cal/91 Medicis Corporation. Antidiarrheal composition and method.

402/Cal/91 Texaco Development Corporation. Process for treating a mixture containing dewaxed oil and dewaxing solvent.

403/Cal/91 Somar Corporation. Powder coating composition and process for preparing same.

404/Cal/91 Hans Oetiker. Balanced clamp structure.

405/Cal/91 Hans Oetiker. Improved hose clamp.

406/Cal/91 Hans Oetiker. Balancing arrangement for rotating member and method of making same.

407/Cal/91 Dipl.—Ing. Peter Alt. A process and a device for coating engine pistons.

408/Cal/91 Hunter Douglas International N.V. Fabric light control window covering.

30th May, 1991

409/Cal/91 Fidia S p.a. Gels in the form of highly hydrated self-supporting film, the process for their preparation, and their use in the therapy of cutaneous lesions and/or pathologies.

410/Cal/91 General Electric Company. Method for making packets of amorphous metal strip for transformer-core manufacture.

411/Cal/91 Westinghouse Electric Corporation. Improvements in or relating to electrical circuit breaker operating handle block.

31st May, 1991

412/Cal/91 Fidia S p.a. Bicompatible perforated membranes, processes for their preparation, their use as a support in the *in vitro* growth of epithelial cells, the artificial skin obtained in this manner, and its use in skin grafts.

413/Cal/91 Prodeco Spa. Leather tanning composition.

OPPOSITION PROCEEDINGS

An Opposition has been entered by Martin Engineering Company to the grant of a Patent on Application No. 167790 made by teknovation Engineers Private Limited.

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Name & Application No.

CALCUTTA

(01/Cal/91 to 98/Cal/91)

—A—

Alden Corporation.—16/Cal/91.

American Cyanamid Company.—46/Cal/91 and 82/Cal/91.

American Telephone & Telegraph Co.—78/Cal/91.

Atochem North America, Inc.—48/Cal/91.

—B—

B.V. Optische Industrie "De Dude Delft".—79/Cal/91.

Babich O.I. 76/Cal/91 & 77/Cal/91.

Bamford, C.R.—95/Cal/91.

—C—

C.C. Egelhaaf Maschinenfabrik GmbH. 03/Cal/91.

Candela Laser Corporation.—43/Cal/91.

Chatterjee M.K.—92/Cal/91.

Cheng J.J. 95/Cal/91.

Critikon Inc. 60/Cal/91.

Custon Equipment Corporation.—83/Cal/91.

—D—

Daihar Leisure Investment & Development Co. Ltd.—50/Cal/91.

Das s. (Sri).—86/Cal/91.

Degussa Ag. M/S. 27/Cal/91 and 58/Cal/91.

De La Rue Giori S.A.—45/Cal/91.

Demchenko N.N.—76/Cal/91 and 77/Cal/91.

Deutsche Thomson-Brandt GmbH.—65/Cal/91.

—E—

E.I. Du Pont De Nemours and Company.—7/Cal/91, 10/Cal/91, 42/Cal/91, 70/Cal/91, 71/Cal/91 and 80/Cal/91.

EVT Energie-Und Verfahrenstechnik GmbH.—84/Cal/91.

Eaton Corporation.—06/Cal/91.

Electricity Commission of New South Wales, The.—51/Cal/91.

Ensign-Bickford Company, The.—75/Cal/91.

Elthicon, Inc.—98/Cal/91.

Evans G. 95/Cal/91.

—F—

Flogates Limited.—28/Cal/91.

—G—

General Electric Company.—18/Cal/91, 19/Cal/91, 32/Cal/91, 41/Cal/91, 62/Cal/91, 63/Cal/91.

Gevetex Textilglas GmbH.—14/Cal/91.

Gummiwerk Kraiburg Development GmbH.—29/Cal/91.

—H—

Hans Oetiker Ag. Maschinen-Und Apparatefabrick.—33/Cal/91.

Hewlett-Packard Company.—17/Cal/91.

Himont Incorporated.—12/Cal/91, 13/Cal/91.

Hitachi Construction Machinery Co. Ltd.—15/Cal/91.

Hitachi Ltd.—64/Cal/91.

Hoechst Aktiengesellschaft.—23/Cal/91, 44/Cal/91, 61/Cal/91 and 72/Cal/91.

Hoechst Celanese Corporation.—68/Cal/91.

—I—

Indian Jute Industries Research Association.—47/Cal/91.

—J—

Johnson & Johnson.—89/Cal/91.

Johnson & Johnson Consumer Products, Inc.—8/Cal/91 and 24/Cal/91.

Johnson & Johnson Medical, Inc.—5/Cal/91.

—K—

Khan J.—37/Cal/91.

Krone Aktiengesellschat.—59/Cal/91.

Kumar A.—38/Cal/91.

—L—

Lantor B.V. 49/Cal/91.

Lanxide Technology Company, LP.—1/Cal/91.

Lenzing Aktiengesellschaft.—85/Cal/91.

—M—

Meneil-PPC, Inc.—88/Cal/91.

Merck Patent Gesellschaft mit beschrankter Haftung.—53/Cal/91.

Metallgesellschaft Aktiengesellschaft.—57/Cal/91.

Milnes H.B.—95/Cal/91.

Mukhopadhyay R.—93/Cal/91.

—N—

N.V. PHilips' Gleailampenfabrieken.—20/Cal/91 & 31/Cal/91.

—O—

Osaulenko N.F.—76/Cal/91 & 77/Cal/91.

—P—

Pan T.N. (Sri).—69/Cal/91.

Phillips' Petroleum Co.—36/Cal/91.

Prasad A.—21/Cal/91 & 22/Cal/91.

Projects & Development India Limited.—30/Cal/91 & 52/Cal/91.

—R—

Research Foundation for Microbial Diseases of Osaka University, The.—9/Cal/91.

Roy B.K.—26/Cal/91.

Roy S.N.—94/Cal/91.

—S—

Saini G.C.—25/Cal/91.

Samanta A.K. (Sri).—86/Cal/91.

Samsung Electron Devices Co. Ltd.—90/Cal/91.

Sengupta P. (Prof.).—91/Cal/91.

Sharma K.K.M.—66/Cal/91.

Shutovsky V.V.—76/Cal/91.

Siemens Aktiengesellschaft.—56/Cal/91, 81/Cal/91 & 87/Cal/91.

Snow R.R.—95/Cal/91.

Song K.W.—50/Cal/91.

Stahlecker F.—34/Cal/91.

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Stee Swprth Limited.—54/Cal/91.

Stopinc Aktiengesellschaft.—4/Cal/91.

—T—

Telemecanique.—55/Cal/91.

Teset Ag.—35/Cal/91.

Tsai C.—74/Cal/91.

Tubemakers of Australia Limited.—73/Cal/91.

—U—

University of Sydney, The.—51/Cal/91.

—W—

Wang J.—97/Cal/91.

Westinghouse Electric Corporation.—11/Cal/91, 67/Cal/91 & 96/Cal/91.

—Z—

Zimpro Passavant Environmental Systems, Inc.—2/Cal/91.

Zubakina T.A.—76/Cal/91.

BOMBAY

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—B—

Badani M.P.—8/Bom/91.

Bhabha Atomic Research Centre.—31/Bom/91, 32/Bom/91 & 33/Bom/91.

Bhide A.G.—19/Bom/91.

Bhide V.G.—2/Bom/91.

Bhogate R.—24/Bom/91.

—C—

Cadila Laboratories Ltd.—18/Bom/91.

—D—

Desai K.R. (Sri).—12/Bom/91.

Desai M.N. (Sri).—13/Bom/91.

Desai S.R. (Sri).—12/Bom/91.

Desai V.R. (Sri).—12/Bom/91.

Director IIT.—25/Bom/91.

—G—

Gandhi J.R.—34/Bom/91.

—H—

Hindustan Lever Limited.—5/Bom/91, 16/Bom/91, 17/Bom/91, 20/Bom/91 & 21/Bom/91./

Hoechst India Limited.—10/Bom/91 & 27/Bom/91.

—J—

Jogalekar A.G.—2/Bom/91.

—K—

Kewalraj & Co. Pvt. Ltd.—35/Bom/91.

Kulkarni J.S.—29/Bom/91.

Kulkarni P.K.—15/Bom/91.

Kulkarni V.P.—15/Bom/91.

—L—

Larsent & Toubro Ltd.—26/Bom/91.

—M—

Marathe Research Foundation.—4/Bom/91.

Mukhopadhyay, P. (Dr.).—25/Bom/91.

Mundachali K.R.—9/Bom/91.

—N—

Nikam L.S.—23/Bom/91.

—O—

Ogale S.B. (Dr.).—25/Bom/91

—P—

Patel R.F.—7/Bom/91.

Patel S.P.—6/Bom/91.

—R—

Raja P N— /Bom/91.

Raja S.—6/Bom/91.

—S—

Sensitive Industries.—22/Bom/91.

Sharangpani R.V.—1/Bom/91.

Swastic Rubber Products Ltd —3/Bom/91.

—T—

Tamboli J K.D.—28/Bom/91.

Tasgaonkar G S —11/Bom/91.

Tripathi N.R.—30/Bom/91.

—W—

Wockhardt Limited.—14/Bom/91.

MADRAS

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—A—

Adams G.W.—55/Mas/91.

Ali M.M.—3/Mas/91.

Ampex Corporation.—56/Mas/91.

Amsted Industries Incorporated.—7/Mas/91.

Applied Medical Research Ltd.—47/Mas/91.

Ateca RDM.—20/Mas/91.

Aware Inc.—61/Mas/91.

—B—

Balachandran K.R.—10/Mas/91

Board of Trustees.—65/Mas/91.

Boots Company PLC., The .—46/Mas/91 & 51/Mas/91.

Brosnahan J.W.—55/Mas/91.

—C—

Catalitica Associates.—35/Mas/91.

Chandramohan D.—21/Mas/91& 22/Mas/91.

Chandramouliwaran R.—9/Mas/91.

Charbonnages De France (Establissement Public).—30/Mas/91.

Christian S.—17/Mas/91.

Comprimo B.V.—34/mas/91.

—E—

Enichem Synthesis S.p.A.—44/Mas/91.

Enimont Anic S.r.L.—11/Mas/91.

Eric P.—17/Mas/91.

Eszakmagyarorszagi Vegimuvek.—66/Mas/91.

—F—

F.C.B.—49/Mas/91.

—G—

Golden Hope Plantations Berhad.—63/Mas/91.

Gopalakrishnan S.P.—1/Mas/91.

—I—

Institut De Recherches De La Siderurgie Francaise (enabrege IRSID) —60/Mas/91.

International Instruments Ltd.—4/Mas/91.

Inventio AG.—48/Mas/91.

Ireco Incorporated.—25/Mas/91.

Itex Enterprises Inc.—16/Mas/91.

—J—

Jackson, P.J.—59/Mas/91.

Jean-Pierre, T.—33/Mas/91.

—K—

Kaveri Engineering Industries Ltd.—32/Mas/91.

Keuro Maschinenabu GMBH & Co. Kg.—15/Mas/91.

—L—

Laboratories Biotrol.—2/Mas/91.

Linde Aktiengesellschaft.—31/Mas/91.

—M—

Maschinenfabrik Rieter Ag.—43/Mas/91.

Metrocast.—27/Mas/91.

Minnesota Mining & Manufacturing Co.—5/Mas/91 & 58/Mas/91.

Mobil Oil Corpn.—41/Mas/91.

—N—

Nehezvegyipari Kutato Intezet.—66/Mas/91.

Nokia Cables Ltd.—64/Mas/91.

Nokia-Maillefer Holding S.A.—53/Mas/91.

Nordenskjold R.V. (Dr.).—8/Mas/91.

Novo Nordisk A/S.—39/Mas/91.

—O—

Owens-Illinois Closure Inc.—50/Mas/91.

—P—

Pascal D.—17/Mas/91.

Pesto KG.—26/Mas/91.

Pro-Neuron, Inc.—52/Mas/91.

—R—

Raychem Limited.—57/Mas/91.

Ribbon Technology Corpn.—12/Mas/91.

Robert Bosch GMBH.—14/Mas/91 & 45/Mas/91.

—S—

Shet G.V.—42/Mas/91.

Societe Des Produits Nestle S.A.—37/Mas/91.

Srinivasan R.—13/Mas/91.

Suriyanarayanan P.—29/Mas/91.

—T—

Teiryo Sangyo Co. Ltd.—40/Mas/91.

Thirupathy V.V.T.—28/Mas/91.

Torrington Research Co. The.—19/Mas/91.

—U—

Unimetal.—38/Mas/91.

Union Oil Company.—54/Mas/91.

Union Oil Co. of California.—23/Mas/91 & 24/Mas/91.

—V—

Varadarajulu, L.G.—18/Mas/91.

Veg-Gasinstituut N.V.—34/Mas/91.

View-Master Ideal Group, Inc.—36/Mas/91.

Vijayan T.A.—6/Mas/91.

—Z—

Zellweger Ustor AG.—62/Mas/91 and 67/Mas/91.

DELHI

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—A—

ACB.—3/Del/91.

Abdel-Elah said Malhas.—18/Del/91.

Ahmad M.—31/Del/91.

Allevard Industries.—69/Del/91.

—B—

Basf Lacke & Farben Aktiengesellschaft.—10/Del/91.

BP Chemicals Ltd.—43/Del/91.

—C—

C.R. Bard Inc.—80/Del/91.

Council of Scientific & Industrial Research.—36/Del/91, 60/Del/91, 61/Del/91, 62/Del/91, 63/Del/91, 64/Del/91, 65/Del/91, 85/Del/91, 86/Del/91, 87/Del/91, 88/Del/91 & 89/Del/91.

DELHI

—D—

Digital Theater Systems Corpn.—78/Del/91.

Domine Printing Science PLC.—8/Del/91 & 11/Del/91.

—E—

Em Cee Cee Sports Agencies (P) Ltd.—72/Del/91.

E.R. Squibb & Sons. Inc.—32/Del/91.

Exxon Chemical Patents, Inc.—29/Del/91, 54/Del/91 & 73/Del/91.

—G—

Gas Research Institute.—42/Del/91.

Gec Alsthom S.A.—44/Del/91 & 55/Del/91.

Gillitte Co. The.—35/Del/91.

Gopal S.C.—26/Del/91, 39/Del/91, 40/Del/91 & 71/Del/91.

Gupta V.—[illegible]/Del/91.

—I—

Imperial Chemical Industries PLC.—77/Del/91.

Institut Biokhimi I Fiziologii Mikroorganizmov Akademii Nauk SSSR.—53/Del/91.

International Business Machines Corpn.—20/Del/91, 21/Del/91 & 56/Del/91.

—J—

Japan Tobacco Inc —66/Del/91

—K—

Kumar C.S P.—48/Del/91, 49/Del/91 & 50/Del/91

—L—

Lone Star Industries, Inc —6/Del/91.

Lubrizol Corpn , The —7/Del/91, 22/Del/91 & 23/Del/91.

—M—

Mechanical Plastics Corpn —45/Del/91 & 46/Del/91

Motorola Inc —30/Del/91 52/Del/91 & 79/Del/91

—N—

N V. Bekaert S.A.—17/Del/91.

National Research Development Corpn —2/Del/91, 14/Del/91, 15/Del/91 & 38/Del/91.

—O

Orbital Engine Co Proprietary Ltd —68/Del/91

Otis Elevator Co —76/Del/91

—P—

PKS Engineering GmbH & Co Kg.—33/Del/91.

Pacco Industrial Corpn.—47/Del/91.

Pfizer Inc.—74/Del/91.

Pong D.T.—83/Del/91.

Procter & Gamble Co. The.—58/Del/91, 59/Del/91, 67/Del/91, 82/Del/91 & 84/Del/91.

Purolator India Ltd.—16/Del/91.

—R—

R.V. Engineers & Fabricators.—24/Del/91 & 27/Del/91.

Ramanadhan K.—19/Del/91.

Ram B.—5/Del/91.

Rohm & Haas Co.—12/Del/91.

—S—

Salzgitter Maschinenbau GmbH.—75/Del/91.

Shell Internationale Research Maatschappij B.V.—9/Del/91 & 57/Del/91.

Shukla R.C.—1/Del/91.

Singh J.—25/Del/91.

Sridharan D.V.—81/Del/91.

Stanadyne Automotive Corpn.—41/Del/91.

—T—

Torotrak (Development) Ltd —51/Del/91.

—U—

University of Sydney, The.—34/Del/91.

—V—

Vakil K.N.—13/Del/91.

—W—

Warner-Lambert Co.—4/Del/91.

Wybauw J.—70/Del/91.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र-14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र-15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूचीगत विनिर्देशों की सीमित संख्यक में मुद्रित प्रतियाँ, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथासमय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2-/ रु० है (यदि भारत के बाहर भेजे जाएं तो अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग पत्र के साथ निम्नलिखित सूची में यथाप्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां, यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्त्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु० है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 35-R & C [GROUP XXV (2)]. 168881
Int. Cl.[4] : C 04 B 7/13.

A PROCESS FOR THE PREPARATION OF AN IMPROVED CEMENTITIOUS MIX.

Applicant : SANDOZ LTD., A SWISS BODY CORPORATE OF CH-4002 BASLE, SWITZERLAND.

Inventors : (1) STEFANO BIAGINI, (2) MARIO COLLEPARDI.

Application No. 845/Mas/86, filed on 28th October, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

A process for the preparation of an improved cementitious mix containing at least one additive selected from known plasticizers and known superplasticizers wherein the said cementitious mix is humidified by treating the same with water so that from 0.1% to 10% by its weight of water is retained in the cementitious mix.

Compl. Specn. 15 Pages. Drgs. 2 Sheets.

Ind. Cl. : 85-G; 98-I & 176-I
[GROUPS-XXXI; VII (2) & XIV (4)]. 168882
Int. Cl.[4] : F 23 B 1/00.

A SYSTEM FOR PROVIDING POWER TO AN ELECTRICAL GENERATING POWER PLANT.

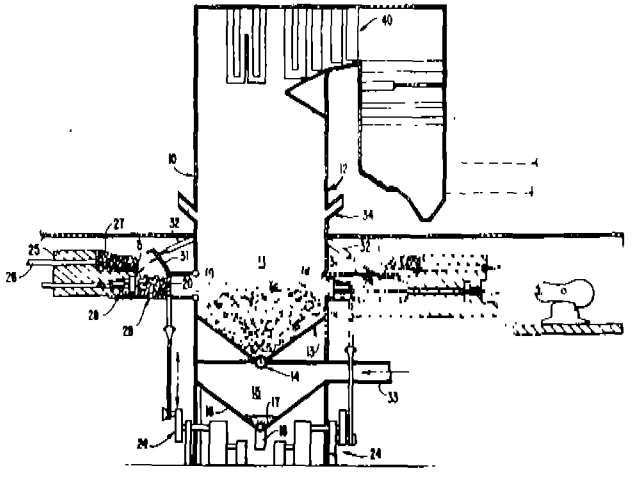
Applicant & Inventor : L. DAVID OSTLIE, OF 19540 PATRICK PLACE, CORCORAN, MINNESOTA 55340, U.S.A, A U.S. CITIZEN.

Application No. 850/Mas/86, filed on 29th October, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

14 Claims

A system for providing power to an electrical generating power plant comprising : combustion chamber within which substantially whole trees such as herein described are received for burning; conveyor means for delivering said substantially whole trees for combustion into said combustion chamber; means for supporting said substantially whole trees in said combustion chamber during combustion; air control means for controlling the flow rate of aid into said combustion chamber including at least two air inlets; temperature control means for controlling the temperature at which said substantially whole trees burn including at least one of said air inlets for controlling the flow rate of air below said supporting means; and heat absorbing means for absorbing the heat of combustion of said substantially whole trees including at least one boiler adapted to be connected to means for converting the absorbed heat into electrical power.



Compl. Specn. 17 Pages. Drgs. 3 Sheets.

Ind. Cl : 33 F [GROUP XXXIII (3)] 168883
Int. Cl.[4] : B 28 B 21/82 B 29 C 67/04

A MOULD FOR PRODUCING AN AT LEAST PARTIALLY SINTERED PRODUCT.

Applicant : POROUS PLASTICS LIMITED, A BRITISH COMAPNY OF MARBAIX HOUSE BESSEMER ROAD, BASINGSTOKE, RG 21 3 NT, ENGLAND

Inventors : (1) RODERICK IAIN DAVIDSON, (2) PETER RIDSDALE HORNSBY.

Application No. 852/Mas/86, filed on 30th October, 1986.

Convention date : November 7, 1985, (No. 8[illegible]465; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch

4 Claims

A mould for producing an at least partially sintered product by introducing sinterable material into the mould and subjecting the mould and sinterable material to microwave radiation at a predetermined frequency so as to heat the mould and thereby effect at least partial sintering of the sinterable material, the said mould having at least one microwave heatable wall member made at least predominantly of microwave heatable material and having a dielectric loss factor E"eff of at least 0.1 at the predetermined microwave frequency, and having a thermal conductivity of at least 10 $Wm^{-1}K^{-1}$

Compl. Specn. 34 Pages Drgs. 4 Sheets

Ind. Cl : 37-A [GROUP XXXIV(1)]. 168884
Int. Cl.[4] : B 04 C 5/04.

APPARATUS FOR SOLIDS-FLUID SEPARATION.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., A NETHERLANDS COMPANY OF CAREL VAN BYLANDTLAAN 30, 2596 HR, THE HAGUE THE NETHERLANDS.

Inventors : (1) RENE ROMBOUT, (2) JOUKE JAN WOUDSTRA.

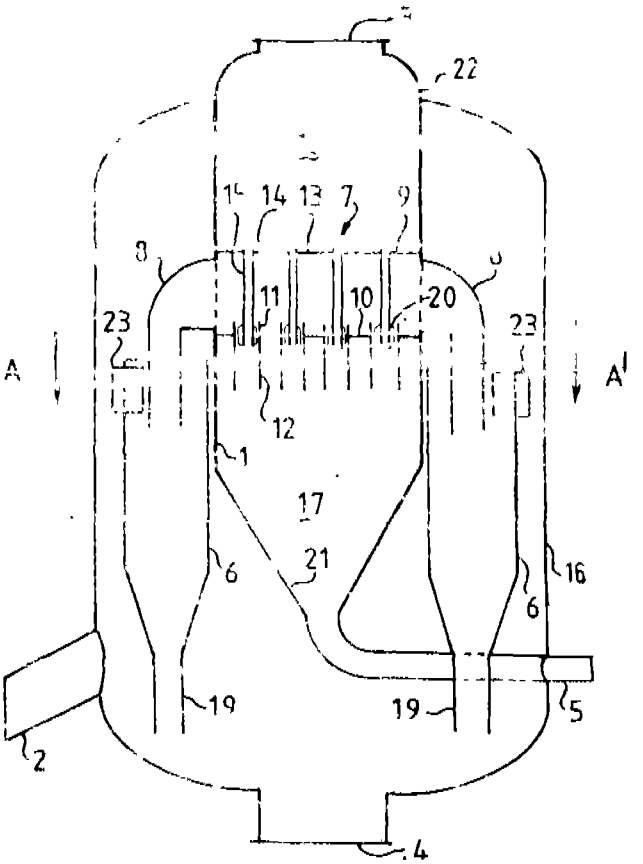
Application No. 858/Mas/86, filed on 3rd November, 1986.

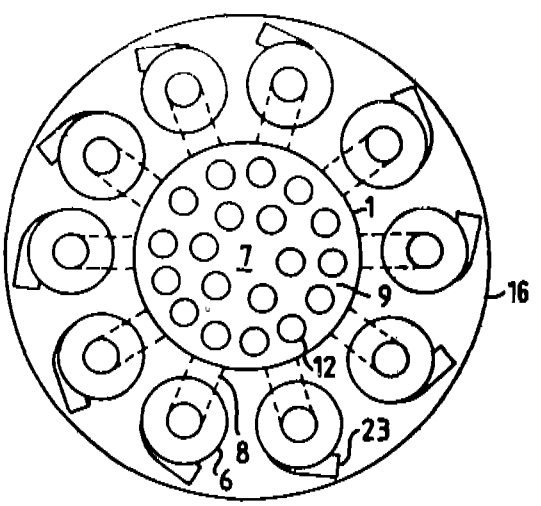
Convention date : November 5, 1985; (No. 8527215; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

Apparatus suitable for solids-fluid separation comprising a primary housing (1) provided with a plurality of first stage separation means arranged outside the primary housing, the first stage separation means having feed inlet means (23) cooperating substantially tangentially with a hollow body having solids outlet means (19) in a lower section and fluid outlet means (8) in an upper section, the said fluid outlet means communicate with a plurality of annular inlet means of second stage separation means (7) inside the primary housing, the first stage separation means are laterally spaced around the second stage separation means, the annular inlet means being provided with swirl imparting means (20) defined between the upper sections (11) of a plurality of tubular elements (12) and tubular fluid outlet means (15), the said tubular fluid outlet means having lower sections and upper sections (14) whereby the lower sections are arranged substantially co-axially within said upper sections (11) and the upper sections (14) cooperate with opening(s) in an upper section of the primary housing, the said second stage separation means (7) consisting of a second stage inlet chamber (9) having a lower (10) and upper (13) wall, whereby the upper sections (11) of the tubular elements (12) are arranged in the lower wall, the upper sections (14) of the tubular fluid outlet means (15) are arranged in the upper wall, the plurality of first stage outlet means (8) cooperate with the second stage inlet chamber (9), the primary housing having solids outlet means (5) cooperating with the lower sections of the tubular elements, and the apparatus is arranged in a secondary housing (16)





Compl. Specn. 12 Pages. Drgs. 2 Sheets.

Ind. Cl. : 9-F [GROUP XXXIII(1)]. 168885
Int. Cl.[4] : C 22 C 33/04.

AN IMPROVED METHOD FOR PRODUCING STEEL.

Applicant : INLAND STEEL COMPANY, OF 30 WEST MONROE STREET, CHICAGO, IL 60603, U.S.A., A DELAWARE CORPORATION.

Inventor : RONALD R. LANDRETH

Application No 928/Mas/86, filed on 1st December, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Madras Branch

9 Claims

An improved method for producing steel comprising the steps of providing a bath of molten steel in a vessel, adding to said bath of molten steel a fume-generating alloying ingredient having a vapor pressure greater than iron, dissolving said fume-generating alloying ingredient in said bath of molten steel over a dissolution time period and withdrawing molten steel containing dissolved fume-generating ingredient from said vessel over a prolonged withdrawal period, wherein the oxygen content in the atmosphere adjacent the top of said molten bath is reduced during at least said dissolution time period, by reacting the oxygen adjacent the top of said bath with natural gas which consumes said oxygen, reducing thereby the partial pressure of oxygen to a level substantially below the partial pressure at which fuming is suppressed in molten steel.

Compl. Specn 15 Pages. Drgs. 5 Sheets.

Ind. Cl. : 187-H [GROUP LXI (2)]. 168886
Int. Cl.[4] : H 04 Q 3/66.

A SYSTEM FOR ROUTING TELECOMMUNICATION TRAFFIC THROUGH A CIRCUIT-SWITCHED NETWORK.

Applicant : BRITISH TELECOMMUNICATIONS PLC, OF 81, NEWGATE STREET, LONDON EC1A 7 AJ, ENGLAND, A BRITISH COMPANY.

Inventors : (1) FRANCIS PATRICK KELLY, (2) RICHARD JOHN GIBBENS, (3) PETER BERNARD KEY, (4) PAUL ANTHONY TURTON, (5) ROGER RICHARD STACEY, (6) MARTIN JOHN WHITEHEAD.

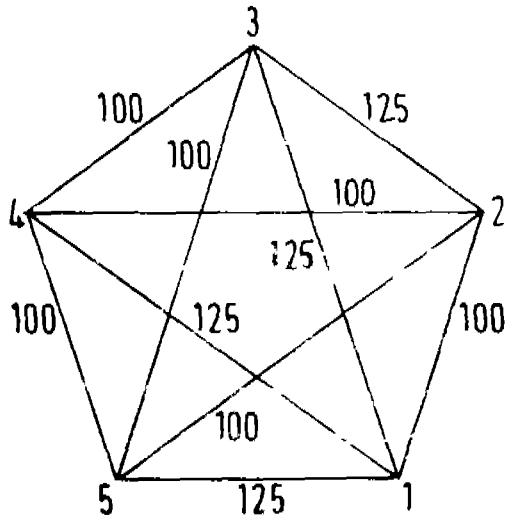
Application No. 975/Mas/86, filed on 15th December, 1986.

Convention date : December 18, 1985; (No. 8531138; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 Claims

A system for routing telecommunication traffic through a circuit-switched network comprising a plurality of processors at respective nodes, the said processors has means to offer calls between their respective node and a destination node through one or more preferred routes means to offer alternate routes if said preferred routes are not available, means to offer calls to one or more current nominated alternative routes and means to change from the said current nominated alternative route if said alternative route is not available.



Compl. Specn. 24 Pages. Drgs. 2 Sheets.

Ind. Cl. : 146-D1 [GROUP XXXVIII(2)]. 168887
Int. Cl.[4] : G 01 J 3/44.

AN IMPROVED METHOD OF CLASSIFYING DIAMONDS AND SORTING THEM ACCORDING TO THEIR QUALITY.

Applicant : THE BRITISH PETROLEUM COMPANY PLC, A BRITISH COMPANY, OF BRITANNIC HOUSE, MOOR LANE, LONDON EC2Y 9BU, ENGLAND.

Inventors : (1) HEATHER JANE BOWLEY, (2) DONALD LESLIE GERRARD.

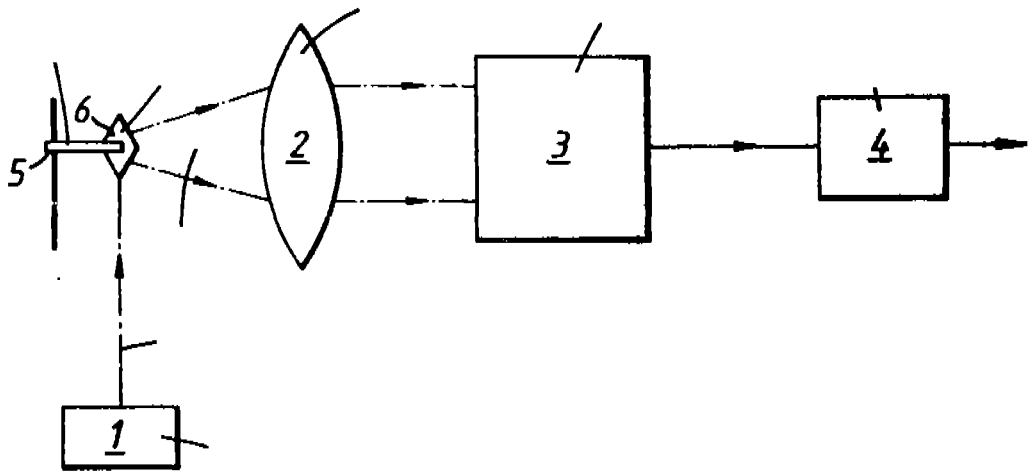
Application No. 985/Mas/1986, filed on 17th December 1986.

Convention date : December 19, 1985; (No. 8531330; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

An improved method of classifying diamonds and sorting them according to their quality wherein the improvement comprises the steps of (a) calibrating a laser Raman Spectrometer with diamonds of known quality characteristics, (b) placing a diamond of unknown quality characteristic in a fixed orientation, (c) passing incident laser radiation of known frequency and intensity onto the diamond, (d) monitoring the intensity of the scattered Raman Signal for one or more orientations of the diamond of unknown quality by a photomultiplier or a multichannel detector and separating the calibrated diamonds according to their quality.



Compl. Spec. 9 Pages. Drg. 1 Sheet.

Ind. Cl. : 22 [GROUP XL (2)]. 168888
Int. Cl.[4] : B65 D 83/14.

PLASTIC CONTAINER FOR THE CONTROLLED DELIVERY OF POWDERS AND OF LIQUIDS AS DROPS.

Applicants : (1) LAMEPLAST DI GIOVANNI FERRARI & C.S.N.C., A COMPANY ORGANIZED UNDER THE LAW OF THE ITALIAN REPUBLIC OF VIA G. CARDUCCI, 28/32 ROVERETO DI NOVI, MODENA, ITALY : & SCLAVO S.p.A., A COMPANY ORGANIZED UNDER THE LAWS OF THE ITALIAN REPUBLIC OF VIA FIORENTINA, 1-SIENA, ITALY.

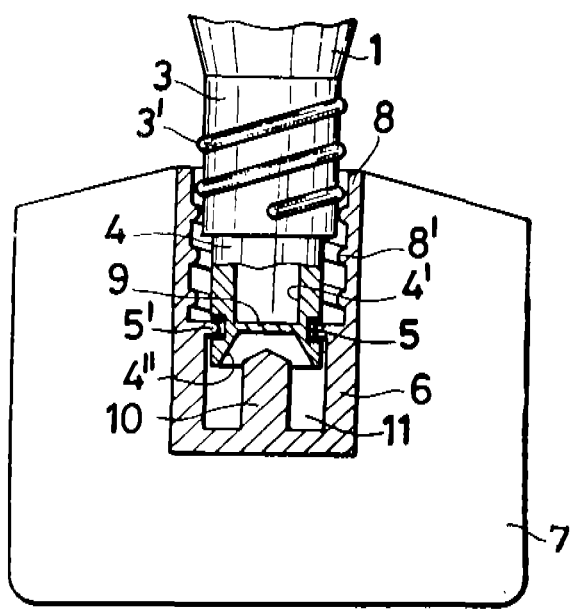
Inventors : (1) FONTANA ANTONIO, (2) FERRARI GIOVANNI, (3) FABBRI EVRO, (4) CAMPANINI ROMANO.

Application No. 1021/Mas/86, filed on 30th December, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 Claims

Container of plastic material for the controlled delivery of powders and of liquids as drops, comprising a body (1) provided with tabs (2) for in-series inter-connection with other containers, and a capsule (6) provided with a piercing element (10), thread (8') and a restraint ring (5'), the container having a neck (3) with thread (3') intended for engaging with thread (8') of the capsule (6), an axial, cylindrical tubular extension (4) with transversal membrane diaphragm (9) is provided upstream a divergent cone-frustum shaped outlet mouth (4"); on the outer surface of said extension said diaphragm is a circumferential groove (5).



Compl. Specn. 11 Pages. Drgs. 1 Sheet.

Ind. Cl. : 194C$_2$ [GROUP LXIII (4)]. 168889
Int. Cl.[4] : B 23 K 9/00; 9/32.

AN ELECTRODE-SHIELDING NOZZLE FOR USE IN GAS-FLOW FOCUSING OF AN ELECTRIC-ARC DISCHARGE.

Applicant : EUTECTIC CORPORATION, A CORPORATION OF THE STATE OF NEW YORK, U.S.A. OF 40-40 172ND STREET, FLUSHING, NEW YORK 11358, U.S.A.

Inventor : (1) THOMAS J GARTLAND & (2) ADRIAN I. PAPANIDE

Application No 48/Mas/87, filed on 23rd January, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Madras Branch.

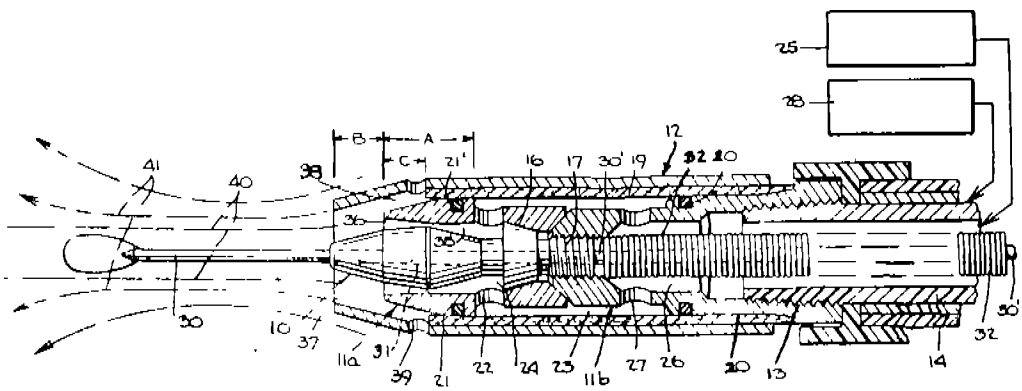
25 Claims

An electrode-shielding nozzle for use in gas-flow focusing of an electric-arc discharge to a conductive workpiece, said nozzle comprising :

an electrode member, a body member, and a shroud member in mutually supported concentric relation about a central axis which extends from an upstream end to a downstream end of the nozzle;

said body member being at least in part tubular and having means upstream from its downstream end for removable support of the upstream end of said electrode member, whereby the downstream remainder of said electrode member derives cantilevered support from said body member over an axially downstream extending annular region of circumferentially continuous radially spaced overlap with said body member, said annular region being characterized by an annular plenum portion that is upstream from and communicates with an annular region of continuous convergence to an annular throat portion;

said shroud member being elongate and tubular and establishing an electrically insulated circumferential enclosure of said electrode and body members.



Compl Specn. 28 Pages. Drgs. 2 Sheets.

Ind. Cl. : 32-$F_{2(b)}$—[GROUP IX(1)] 168890
Int. Cl[4]. : C 07 D 233/20

A PROCESS FOR THE PRODUCTION OF QUATERNARY 2-ALKYL-2-IMIDAZOLINIUM SALTS.

Applicant : HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY, OF HENKELSTRASSE 67, DUSSELDORF, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) UWE PLOOG, (2) GUNTER UPHUES.

Application No. 67/Mas/87, filed on 2nd February, 1987.

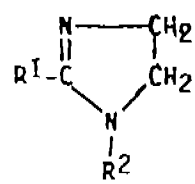
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A process for the production of quaternary 2-alkyl-2-imidazolinium salts of the general formula (I) of the accompanying drawings

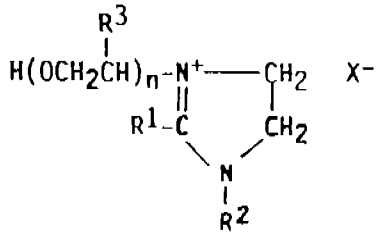
in which R^1 represents a straight-chain or branched substituted or unsubstituted alkyl or alkenyl radical containing 7 to 21 carbon atoms,

R^2 represents one of the radicals selected from



R^3 and R^4 represent hydrogen or methyl X^- represents the anion of a non-oxidizing and non-corrosive inorganic acid or an organic mono- or polycarboxylic acid, n statistically represents whole or broken numbers in the range of from 1 to 20 and m is an integer of from 1 to 3,

the said process comprising reacting imidazoline of the general formula (II) of the accompanying drawings in which R^1 and R^2 are as defined above, with ethylene or propylene oxide in a molar ratio of imidazoline to alkylene oxide of from 1 : 1 to 1 : 20 in the presence of from 1 to 1.1 equivalents of an acid corresponding to the formula HX in which X is as defined above isolating in a known manner the quaternary 2-alkyl-2-imidazolinium salts of the formula (I) of the accompanying drawing. The compounds prepared according to this invention are useful as fabric softeners.



FORMULA (I)

Compl. Specn. 25 Pages. Drgs. 1 Sheet.

CLASS : 62-D, E. 168891
Int. Cl. : D 06 b 1/00

A NOVEL POST-WASH-AID COMPOSITION AND PROCESS OF PRODUCING SAME.

Applicant : HOFFMANN'S STARKEFABRIKEN AG, OF 4902 BAD SALZUFLEN 1, WEST GERMANY.

Inventors : (1) DIETER BURMEISTER, (2) JOACHIM MARZINKOWSKI.

Application No. 865/Cal/1986, filed on 28th November, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

13 Claims

A post-wash-aid composition consisting of :

(A) An aqueous dispersion, prepared with the aid of a cationic dispersing agent, of a silicone oil applicable to textiles and optionally partly replaceable with a paraffin wax and is optionally an aminofunctional silicone, a quaternised silicone, a silicone elastomer or a mixture thereof, to which components, if desired, an alkoxylated fatty amine in an amount up to 10% by weight based on the silicone is added :

(B) A condensation product of an aliphatic long chain saturated or unsaturated monocarboxylic acid with a polyamine or an addition product of a polyamine with ethylenoxide or propylenoxide :

(C) A cationic film former of the group of cation-active alkoxylated starches and cation-active alkoxylated celluloses :

(D) Water, and if desired

(E) Further additions selected from the group :

odourants, preservatives, colorants and organic acids used to adjust the pH-value.

Compl. Specn. 22 Pages. Drgs. 4 Sheets.

CLASS : 72-B. 168892
Int. Cl. : C 06 b 31/02, 31/06, 31/28, 31/40.

IMPROVED WATER-IN OIL EMULSION EXPLOSIVE COMPOSITIONS AND METHOD FOR THEIR MANUFACTURE.

Applicant : ICI INDIA LIMITED, OF ICI HOUSE, 34 CHOWRINGHEE ROAD, CALCUTTA-700 071, WEST BENGAL, INDIA.

Inventors : (1) PUSHPITO KUMAR GHOSH, (2) DHIRENDRA NATH BHATTACHARYYA, (3) RAMA SUBRAMANIA IYER, (4) SUDHAKAR VISHNU CHIKALE, (5) ARUN KUMAR CHATTOPADHYAY, (6) SASANKA SEKHAR PAUL, (7) VATTIPALLI MOHAN RAO.

Application No. 905/Cal/1986 filed on 12th December, 1986.

Provisional specification left on 8th December, 1987

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

An improved water-in oil emulsion explosive composition which comprises on a percentage by weight basis from 40% to 90% of one or more inorganic oxidiser salts such as herein described, from 3% to 10% of one or more carbonaceous fuels, from 0.5% to 5% of one or more conventional emulsifiers, from 5% to 25% water and from 0.1% to 5% of an inorganic additive selected from the group consisting of organophilic smectite clays such as herein described, inorganic silicates and silicas or combinations thereof.

Compl. Specn. 18 Pages. Drgs. 1 Sheet.
Prov. Specn. 8 Pages.

CLASS : 127 D,153 168893
Int. Cl. : F16 H 1/00, 3/00, 5/00

MIXED-ENGAGEMENT GEARING

Applicant : ROSTOVSKY GOSUDARSTVENNY UNIVERSITET IMENI M.A. SUSLOVA, OF ROSTOV-NA-DONU, ULITSA ENGELSA, 105, USSR.

Inventor : GERMAN ALEXANDROVICH ZHURAVLEV.

Application No. 958/Cal/1986 filed on 31st December, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A mixed-engagement gearing formed by gear wheels with a flank of a tooth in each wheel having section nearly involute in shape located in a zone passing through a pitch circle of the wheel and joined with at least one section that is point-conjugated convex at the top or concave at the root, located in a zone positioned outside of the pitch circle, at least in two sections the flank of the tooth profile taking part in engagement has a deviation from the flank of a theoretical tooth profile in the direction of an increased tooth thickness.

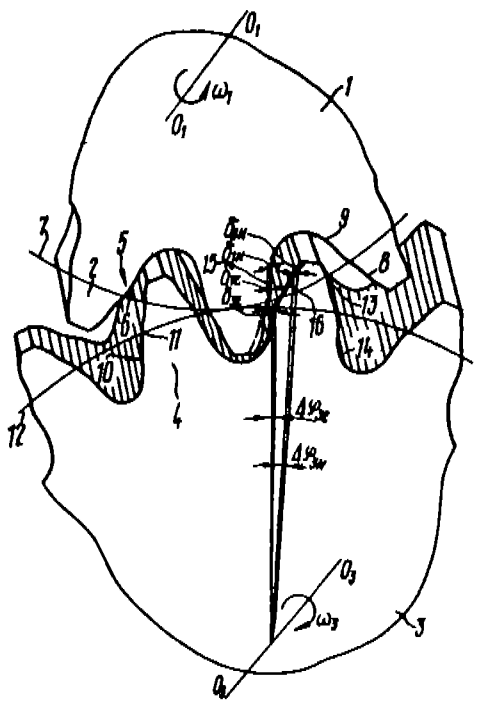


Fig. 1

Compl. Specn.35 Pages. Drgs. 5 Sheets.

CLASS : 134 D 168894
Int. Cl. : G05 G 15/00.

"DEVICE FOR CONTROLLING AN AUTOMATIC MECHANICAL TRANSMISSION SYSTEM"

Applicant : EATON CORPORATION, OF 1111 SUPERIOR AVENUE, CLEVELAND OHIO 44114, UNITED STATES OF AMERICA.

Inventors : (1) WILLIAM FRANCIS COTE, (2) DONALD SPERANZA.

Application No. 258/Cal/1987 filed on 31st March, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A device for controlling an automatic mechanical transmission system (10) for devices having a throttle-controlled engine (14), a transmission (12) having a plurality of gear ratio combinations selectively engageable between a transmission input shaft and a transmission output shaft (20), said transmission input shaft being operatively connected to said engine by means of a selectably engageable and disengageable coupling (16) providing a substantially non-slipping driving connection between said engine and said input shaft in the fully engaged condition thereof, said automatic mechanical transmission system comprising an information processing unit (42) having means for receiving a plurality of input signals including (1) an input signal (30) indicative of the fully engaged condition of the coupling; (2) an input signal indicative of the currently engaged gear ratio (GR) of the transmission; (3) an input signal (ES) indicative of the rotational speed of the engine; (4) an input signal (IS) indicative of the ratational speed of the transmission input shaft; and (5) an input signal (OS) indicative of the rotational speed of the transmission output shaft, said processsing unit including means for processsing said input signals in accordance with a program for generating output signals whereby said transmission system is operated in accordance with said program, and means (34) associated with said transmission system effective to actuate said transmission system to effect engagement of said gear ratio combinations in respons to said output signals from said processing unit, the device characterized by;

means for sensing the presence or absence of faulty input signals indicative of the rotational speeds of said engine, input shaft and output shaft; and means for modifying said program by defining logic rules for processing said input signals to determine an acceptable value for the identified faulty input signal, said means for modifying being actuated if only one of said input signals indicative of the rotational speeds of said engine, input shaft and output shaft is determined to be faulty.

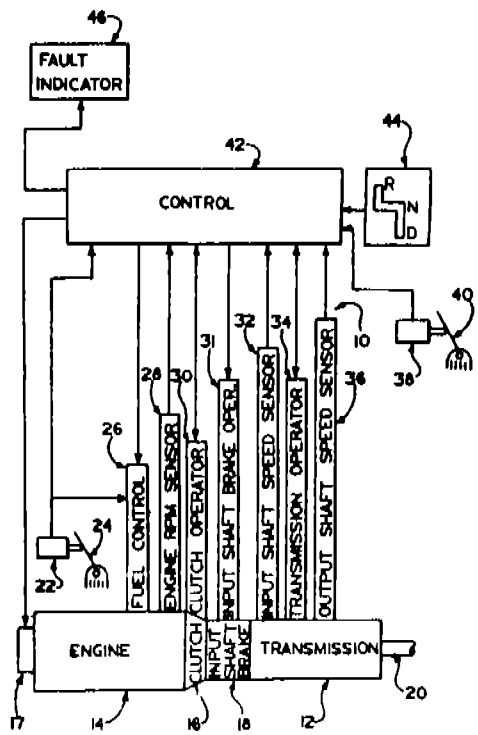


Fig. 1

Compl. Specn. 17 Pages. Drgs. 6 Sheets.

CLASS : 187 E5 168895
Int. Cl. : H 04 R, 1/00, 1/10, 1/28

AN EARPIECE ASSEMBLY FOR A TELEPHONE HANDSET.

Applicant : SIEMENS AKTIENGESELLSCHAFT. OF WITTELSBACHERPLATZ 2, WEST GERMANY.

Inventor : ERNST PAYER

Application No. 803/Cal/1987 filed on 15th October, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

An earpiece assembly for a handset body of a telephone, comprising an earpiece covering a transducer capsule, sound transmission apertures being provided in the earpiece, resonators being disposed in the transmission space between the transducer capsule and the earpiece to inhibit resonance steps-up in the frequency response of the effective transmission factor, characterised in that the said transmission space 9 is coupled to at least one annular resonator space formed by a recess which is stepped on the inside of the earpiece the width of the resonator sapce being attuned to the wavelength of the resonance step-up frequency

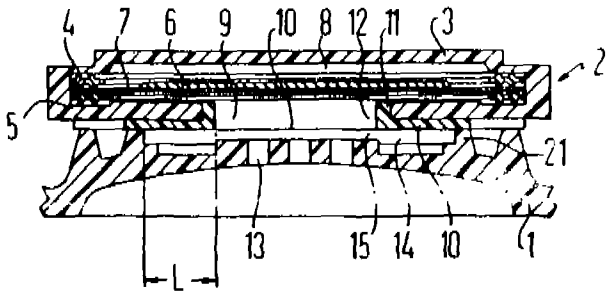


Fig 1

Compl. Specn.7 Pages. Drgs. 1 Sheet.

CLASS : 55-3, 2 168896
Int. Cl. : A 23 L 3/34, A61L 25/00, 31/00, B65 B 55/02, 55/10.

A PROCESS FOR PLASMA STERILISATION USING HYDROGEN PEROXIDE.

Applicant : SURGIKOS, INC. OF 2500 ARBROOK BOULEVARD, ARLINGTON, TEXAS 76010, UNITED STATES OF AMERICA.

Inventors : (1) PAUL TAYLOR JACOBS, (2) SZU-MIN LIN.

Application No. 14/Cal/1988 filed on 6th January, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

9 Claims

A process of plasma sterilization using hydrogen peroxide as a precursor of the active species in the plasma comprising the steps of

contacting the item to be sterilized with hydrogen peroxide,

placing the item into a sterilization chamber, said item retaining residual, hydrogen peroxide, generating in a known manner a plasma around the item within the sterilization chamber to generate an active species from said residual hydrogen perioxide, maintaining the item in said plasma for a time period sufficient to effect sterilization by said active species of said residual hydrogen peroxide.

Compl. Specn. 26 pages. Drgs. 1 Sheet.

CLASS : 130 I 168897.
70 C
Int. Cl. : C 25 C 1/00

A METHOD FOR THE PRECIPITATION OF MERCURY BY ELECTROLYSIS.

Applicant : DEUTSCHE CARBONE AG, TALSTRASSE 112 6000 FRANKFURT/MAIN 56, FEDERAL REPUBLIC OF GERMANY

Inventors : (1) WOLFGANG DIETZ, (2) FRIEDEL KUHN

Application No. 214/Cal/1988 filed on 14th March, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A method for the precipitation by electrolysis of metallic mercury from an electrolyte containing mercury—(I)— chloride, said method comprising :

(a) providing an electrolysis cell containing an anode, a cathode and an electolyte containing mercury—(I)—chloride, and in which chlorine developed at the anode during the course of oxidation can migrate without impediment to the cathode area of the cell; and

(b) subjecting said electrolyte to electrolysis, whereby;

(1) chlorine is formed at the anode,

(2) said chlorine reacts in situ with mercury (I)—chlorine to form mercury—(II)—chlorine, and

(3) mercury—(II)—chloride is reduced at the cathode to metallic mercury with the formation of chloride ions.

Compl. Specn. 7 Pages; Drgs. Nil.

CLASS : 136 A+C+E 168898
Int. Cl. : B 29 C 47/00 B 29 D 23/00, 23/22.

A PROCESS AND APPARATUS FOR MANUFACTURING PIPES AND LIKE CROSS-SECTIONS OUT OF THERMOPLASTIC PLASTICS.

Applicant : CINCINNATI MILACRON INC. OF 4701 MARBURG AVENUE, CINCINNATI, OHIO 45209, UNITED STATES OF AMERICA.

Inventor : JOSEF DOBROWSKY

Application No. 275/Cal/1988 filed on 4th April, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

A method for the manufacture of extruded material having substantially uniform wall thickness along the circumference as well as along the longitudinal direction of the extruded material such as pipes and of her cross-sections from polymeric material which comprises subjecting said polymeric material to extrusion through die, providing means for measuring the wall thickness of the extruded material and temperature of the extrusion die, measuring the wall

thickness of the extruded material and adjusting the temperature of the extrusion die optionally adjusting the speed of extrusion, to obtain an extruded material of desired wall thickness characterized in that (a) said thermoplastic material is passed through an extrusion die having (i) a plurality of discrete sectors forming the profile of the material to be extruded, (ii) each said sector having temperature sensing means, temperature controllable heat source and cooling source, (b) measuring the wall thickness of the extruded cross-section at a plurality of spaced points corresponding with specific areas of said extrusion die (c) independently adjusting the temperature of the extrusion die at the respective die areas through said heat source or cooling source depending upon excess wall thickness of less wall thickness than the required predetermined wall thickness to obtain an extruded cross-section having the desired wall thickness distribution at the several die areas.

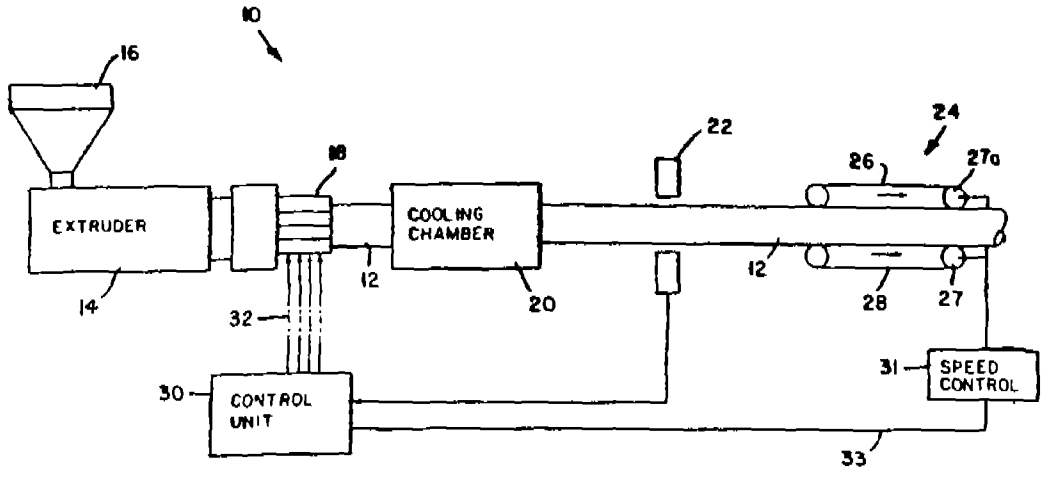


Fig. 1

Compl. Specn 32 Pages. Drgs. 5 Sheets.

CLASS : 186-B4 168899
Int. Cl. : H 01 R, 9/00

"CONNECTOR BANK FOR TELECOMMUNICATION DEVICES"

Applicant : KRONE AKTIENGESELLSCHAFT, OF BEESKOWDAMM 3-11, D-1000 BERLIN 37, WEST GERMANY.

Inventors : (1) HEIDE TEICHLER, (2) MANFRED MULLER

Application No. 486/Cal/1988 filed on 15th June, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A connector bank for telecommunication devices comprising a support plate with connecting elements arranged thereon in plug-on manner for cable wires, and comprising a bank-type upper part latchable on the support plate, characterized by that the upper part (2) is formed of several partial banks (3 to 7), and that the support plate (1) is provided with several receiving chambers (8 to 12) arranged one behind the other for said partial banks (3 to 7).

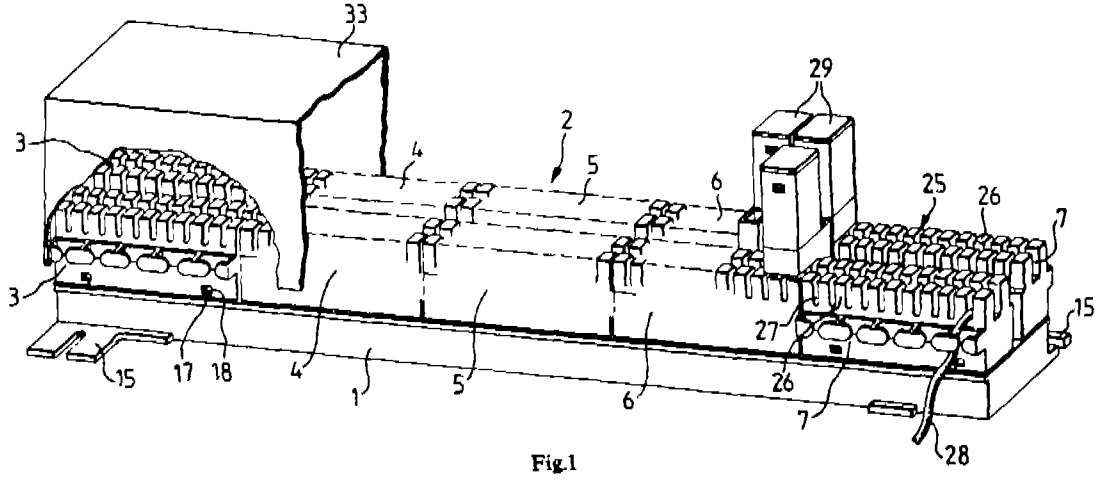


Fig.1

Compl. Specn. 8 Pages. Drgs. 3 Sheets.

CLASS : 133 A 168900
Int. Cl. : H 02 P 6/00

2

AN APPARATUS FOR CONTROLLING THE OPERATION OF AN A.C. MOTOR PARTICULARLY A VARIABLE FREQUENCY, VARIABLE VOLTAGE A.C. MOTOR.

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : HARRY LOUIS WIEFLER

Application No. 775/Cal/1988 filed on 15th September, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules. 1972), Patent Office, Calcutta

9 Claims

An apparatus for controlling the operation of an A.C. motor, more particularly a variable frequency, variable voltage A.C. motor comprising :

rectifier means for receiving an A.C. voltage from the A.C. power source and for converting the A.C. voltage to a D.C. voltage;

variable frequency, variable voltage inverter means operatively connected to the rectifier means operable to convert the D.C. voltage into a frequency and voltage controlled A.C. output voltage which is applied to the motor;

a D.C. link interposed between the rectifier means and the inverter means;

means for establishing a motor speed control signal;

means for controlling the frequency of the output voltage of said inverter means in response to the motor speed control signal;

means for monitoring the current provided to the motor;

means for modifying the motor speed control signal to control the accelerating rate of the motor in response to the monitored motor current while the monitored motor current is less than a first predetermined current set point;

means for monitoring the voltage imposed on the D.C. link;

means for modifying the motor speed control signal to control the decelerating rate of the motor in response to the monitored D.C. link voltage while the monitored voltage is less than a first predetermined voltage set point;

a regenerative circuit connected between the D.C. link and the A.C. power source;

means for activating the regenerative circuit so as to return at least a portion of the electrical energy generated by the motor to the A.C. power source upon the monitored D.C. link voltage exceeding a second predetermined voltage set point is greater than the first predetermined voltage set; and

means cooperating with the frequency control means for controlling the output voltage of the inverter means.

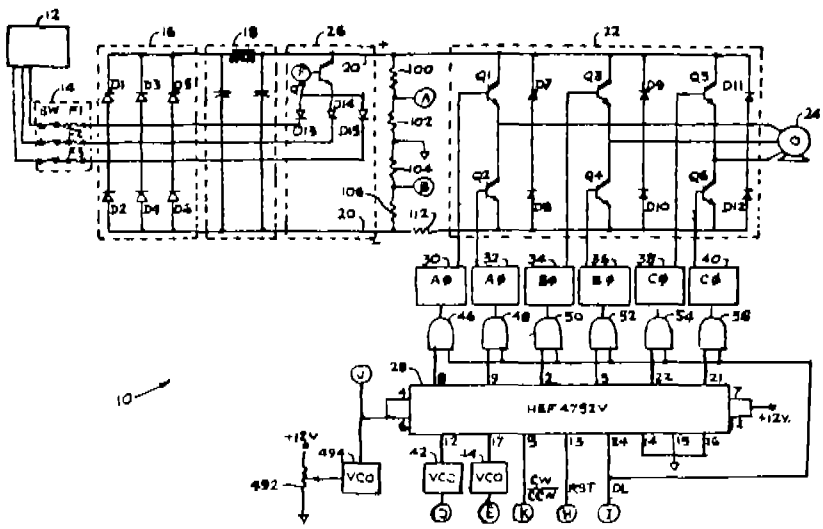


Fig. 1

Compl. Specn. 52 Pages. Drgs. 2 Sheets.

Class : 35 D 168901
Int. Cl. : E 04 C 1/00

"METHOD OF PRODUCING HYDRAULIC BINDERS".

Applicant : COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION OF LIMESTONE AVENUE CAMPBELL, AUSTRALIAN CAPITAL TERRITORY, COMMONWEALTH OF AUSTRALIA AND GIAN LORENZO VALENTI OF VIA LEGITTIMO, 1/A, 80063 PIANO DI SORRENTO (NOPOLI), ITALY; LUCIANO SANTORO OF VIA NACCHERINO 11, 80131 NAPOLI, ITALY AND RAFFAELE CIOFFI OF VIA DEL PINI 14, 80063 PIANO DI SORRENTO (NAPOLI), ITALY.

Inventors : (1) JULIUS BERETKA, (2) GIAN LORENZO (3) LUCIANO SANTORO (4) RAFFAELE CIOFFI.

Application No. 961/Cal/1987 filed December 1987.

Conventional dated 9th Dec. 1986 (Australia Ph-9408)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

9 Claims

A method of producing a hydraulic binder comprising from 70% by weight ettringite and upto 30% by weight calcium silicate hydrates, comprising preparing an intimate mixture of powdered source material having a maximum particle of 150 um, in natural and/or industrial by-product form of reactive source material comprising $CaSSo_4$, CaO and A_2O_3 with or without SiO_2, said $CaSO_4$ in the reactive source material including one or more calcined gypsum and calcium sulphoaluminate, hydrating the intimate mixture at a ratio in the range of 1 part powered source materials to 0.35-1 part water (by weight), and curing the hydrated mixture, the amounts of said source materials of the mixture being so selected as to produce the desired hydraulic binder.

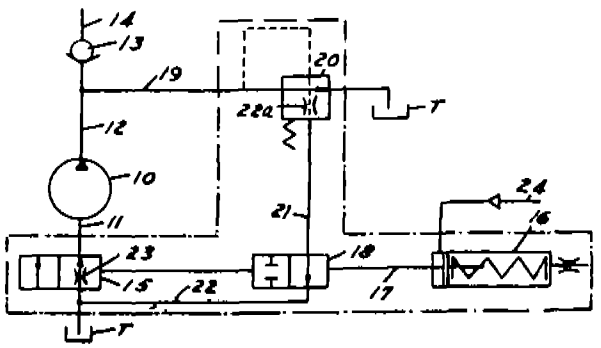


Fig. 2

Compl. Specn. 32 Pages Drgs. 3 sheets

Class : 102 B D 168902
Int. Cl. : F 16 D 31/02

A HYDRAULIC SYSTEM.

Applicant : VICKERS, INCORPORATED OF 1401 CROOKS ROAD TROY, MICHIGAN 48084 UNITED STATES OF AMERICA.

Inventor : ALBIN JOSEPH NIEMIEC.

Application No. 1006/Cal/1987 filed December 29, 1987.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

14 Claims

A hydraulic system comprising:

a pump having a discharge circuit,

a first valve in the inlet to the pump for restricting the flow into the pump when the first valve is closed,

a second valve;

a third valve in the discharge circuit for unloading the pump discharge circuit away from the pump inlet,

said second valve being operable to vent said third valve to tank pressure,

a motor for operating the first valve such that the pump inlet will be opened or be restricted and such that the second valve will open or be restricted to vent the third valve.

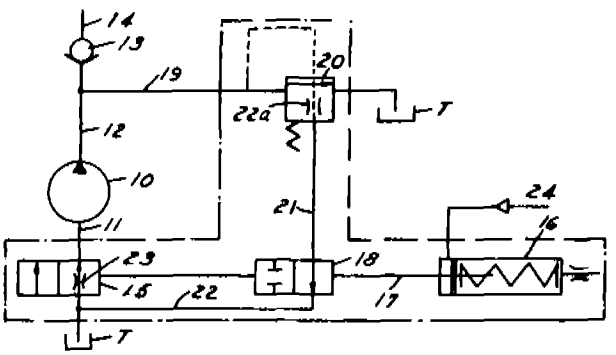


Fig. 1

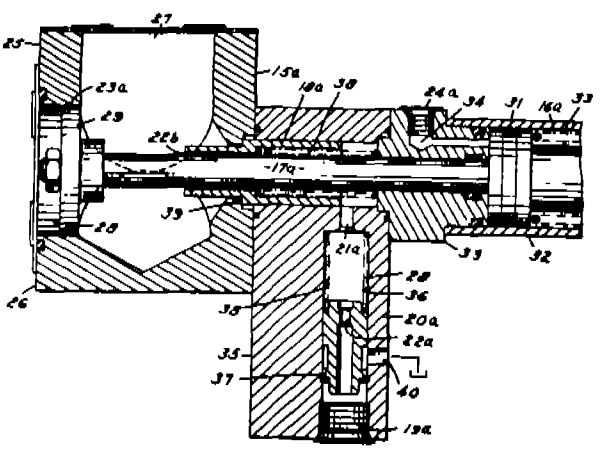


Fig. 4

Compl. Specn. 16 Pages Drgs. 5 sheets

CLASS : 35 D & E 136 E 168903
Int. Cl. : B 32 B 7/00 C 04 B 35/00, 35/64, 14/00

METHOD FOR PRODUCING A SHAPED CERAMIC COMPONENT.

Applicant : LANXIDE TECHNOLOGY COMPANY, LP OF TRALEE INDUSTRIAL PARK NEWARK, DELAWARE 19711 U.S.A.

Inventor : E ALLEN LAROCHE, JR.

Application No. 6/Cal/1988 filed January 01, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

20 Claims

A method for producing a shaped ceramic component comprising the oxidation reaction product of a parent metal, such as aluminium, silicon, titanium, tin, zirconium and hafnium, optionally used in conjunction with a dopant, such as herein described, and an oxidant, such as herein described, said method comprising:

(a) providing a body of parent metal and an expendable pattern, such as herein described, having a shapedefining surface spaced outwardly from said body of parent metal;

(b) applying a gas-permeable coating of conformable material, such as herein described, optionally incorporating a barrier material and/or a bonding agent and/or a filler in at least a portion thereof, to said shape-defining surface to form a congruent surface substantially congruent to and coextensive with said shape-defining surface and disposed oppositely from said body of parent metal such that said expendable pattern defines a volume between said parent metal and said congruent surface, said gas-permeable coating of conformable material having, at least under the process conditions, a self-bonding support zone immediately adjacent to an coextensive with said shape-defining surface, said support zone providing sufficient cohesive strength and retaining the shape of said congruent surface upon elimination of said expendable pattern thereby developing a mold cavity;

(c) heating said parent metal in the presence of an oxidant comprising at least a vapor-phase oxidant, as described herein, to a temperature above its melting point but below the melting point of said oxidation reaction product to be formed, to form a body of molten metal;

(d) eliminating said expendable pattern to form said mold cavity;

(e) at said temperature (i) reacting said molten parent metal with said oxidant to form an oxidation reaction product, which product is in contact with and extends between said body of molten metal and said oxidant, and (ii) transporting said molten metal through said oxidation reaction product, toward said oxidant and said gas-permeable coating of conformable material so that oxidation reaction product continues to form at an interface between said oxidant and previously formed oxidation reaction product, thereby forming a progressively thicker body of said oxidation reaction product into said mold cavity;

(f) continuing said reacting for a time sufficient to substantially fill-up said mold cavity to said congruent surface with said oxidation reaction product, thereby producing a ceramic component having a shaped surface replicating said shape-defining surface; and

(g) recovering said ceramic component having said shaped surface

Compl Specn 33 Pages Drgs. 2 sheets

CLASS : 97 F 168904
Int. Cl. : H 05 B 6/66

POWER-CONTROL DEVICE FOR THE MAGNETRON OF MICROWAVE OVEN".

Applicants : (1) JURY ALEXEEVICH SPIRIDONOV, OF MOSCOW, ULITSA SCHERBAKOVSKAYA, 32/7, KV. 163, USSR; (2) VLADIMIR IVANOVICH KHANDOGIN OF MOSCOW, SCHELKOVSKOE SHOSSE, 29, KV. 19, USSR. (3) ANATOLY IVANOVICH IVANOV-TSYGANOV OF MOSCOW, ULITSA KONSTANTINA SIMONOVA, 9, KV. 79, USSR

Inventor : IDEM

Application No. 52/Cal/1988 filed January 21, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

5 Claims

A power control device for the magnetron of a microwave oven, comprising a regulator of the anode voltage of the magnetron and a heater voltage source for the magnetron; the anode voltage regulator comprising a series connection of a bridge-type d.c. voltage to a.c. voltage converter of which the input is the power input of the anode voltage regulator, a transformer, a rectifier and a filter, the output of said filter being the first output of the anode voltage regulator, connected to the anode circuit of the magnetron and also a diode having its input connected to the power input of the anode voltage regulator and its output serving as the other output of the anode voltage regulator, a series connection of a d.c. voltage source, a current amplitude having a control unit connected to said first output and a saturable magnetic element having its output connected across the primary winding of the transformer, and also a generator of control pulse sequences for the anode voltage regulator, having its input connected to the output of a master control of the microwave oven operating modes and its output connected to the control inputs of the bridge-type converter; the heater voltage source including a series connection of a half-bridge d.c. voltage to a.c. voltage converter having its power input connected to the other output of the anode voltage regulator and a transformer having at least two secondary windings, the terminals of its one secondary winding serving as the output of the heater voltage source, and also including a generator of heater voltage stabilizing pulse sequences, having its input connected to the other secondary winding of the transformer of the heater voltage source and its outputs connected to the control inputs of the halfbridge converter; the device further comprising a series connection of a mains voltage rectifier of which the input is the power input of the device, a starting current limiter, a capacitance filter and a choke having its output connected to the power input of the anode voltage regulator.

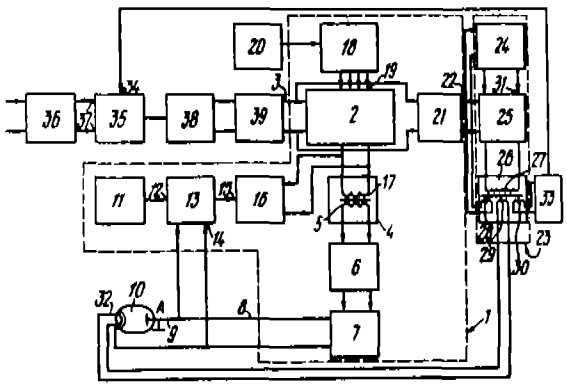


Fig 1

Compl. Specn. 26 Pages Drgs. 6 sheets

CLASS : 122 63 A 2 168905
Int. Cl. : B 03 C 1/02, 1/24

APPARATUS FOR SEPARATING FERROMAGNETIC MATERIALS FROM FLUID MEDIA.

Applicant : UKRAINSKY INSTITUT INZHENEROV VODNOGO KHOZYAISTVA, OF ROVNO, ULITSA LENINSKAYA, 11, USSR.

Inventors : (1) VYACHESLAV IVANOVICH GARASCHENKO, (2) ALEXANDR VASILIEVICH SANDULYAK (3) OLEG JURIEVICH KORKHOV.

Application No. 321/Cal/1988 filed April 20, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

7 Claims

An apparatus for separating ferromagnetic materials from fluid media comprising at least one stationary working passage divided by a hermetic partition into two successive sections each filled with an insert of ferromagnetic material, having an inlet pipe for feeding to the section a fluid medium to be cleaned and an outlet pipe for discharging the clean fluid medium, and a magnetizing system arranged outside the passage for magnetizing the ferromagnetic insert of one such section and provided with a means for imparting reciprocations thereto along the passage between two extreme positions, particularly, at one such section and at the other such section, characterized in that the means for imparting reciprocations having the form of at least tow electromagnetic coils arranged each one at the opposite ends of the passage, and providing movement of the magnetizing system between the extreme positions, means for lacking the magnetizing system in its extreme position.

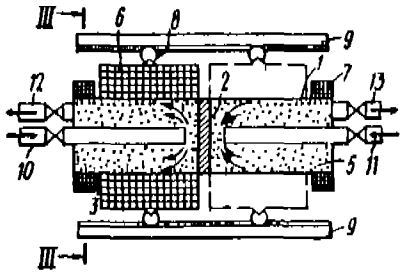


Fig. 1

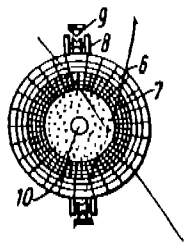


Fig.3

Compl. Specn. 17 Pages Drgs. 4 sheets

CLASS : 32 A 168906
Int. Cl. : C 09 B 29/36.

A PROCESS FOR PREPARING A WATER-SOLUBLE NAPTHYLAZOPYRAZOLONE COMPOUND.

Applicant : HOECHST AKTIENGESELLSCHAFT. OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HORST TAPPE, (2) DIETER OEHME, (3) LUDWIG SCHILAFER, (4) WERNER HUBERT RUSS.

Application No. 359/Cal/1988 filed on 3rd May, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

A process for preparing a water-soluble napthylazopyrazolone compound according to a formula (1) of the accompanying drawings in which the symbols have the following meanings:

M is a hydrogen atom or an alkali metal;

n is the number zero or 1;

R^1 hydrogen, methyl, ethyl, methoxy, ethoxy, chlorine, bromine, carboxy or sulfo;

R^2 is hydrogen, methyl, ethyl, methoxyl, ethoxy, chlorine or bromine;

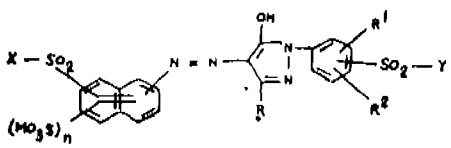
R is carboxy or carbalkoxy having 2 to 5 carbon atoms;

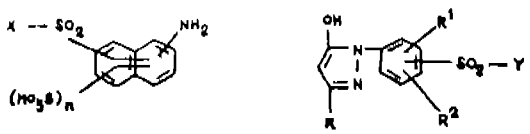
X is a β hydroxyethyl or a β thiosulfatoethyl group or β sulfatoethyl group or

X is the vinyl group, in which case, however, n must stand for the number 1;

Y is β a hydroxyethyl or a β thiosulfatoethyl group or preferably a β sulfatoethyl group or

Y is the vinyl group, in which case, however, n must stand for the number 1, *which comprises* coupling a diazonium salt of an aromatic amino compound according to the formula (2) in which M, n and X have the abovementioned meanings, with a compound according to the formula (3) in which R, R^1, R^2 and and γ have one of the abovementioned meanings, at a pH between 4 and 9 and at a temperature between 0 and 35°C.





Compl. Specn. 24 Pages Drgs. 2 Sheets

Class : 176 F 168907
Int. Cl. : F 22 B 7/00

STEAM GENERATOR.

Applicant : BLOWER ENGINEERING INC., OF 91 FERNSTAFF COURT, CONCORD, ONTARIO, CANADA L4K 3L9.

Inventor : THOMAS SCOLLICK BYRNES.

Application No. 917/Cal/1988 filed on 2nd November, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A steam generator, comprising:

a water jacketed combustion chamber having an inlet and an outlet for the circulation of water through the jacket and having first and second ends;

a burner positioned in the first end of the combustion chamber;

means for delivering pressurized air and fuel to the burner, so that the burner may produce a flame extending toward the second end of the combustion chamber;

a water spray nozzle positioned at the second end of the combustion chamber remote from the burner flame, said nozzle being connected to the outlet of the jacket and being adapted to spray water countercurrently into a stream of hot gases from the burner flame thereby creating steam without quenching the flame; and

a discharge conduit connected to the second end of the combustion chamber for conveying the steam so generated.

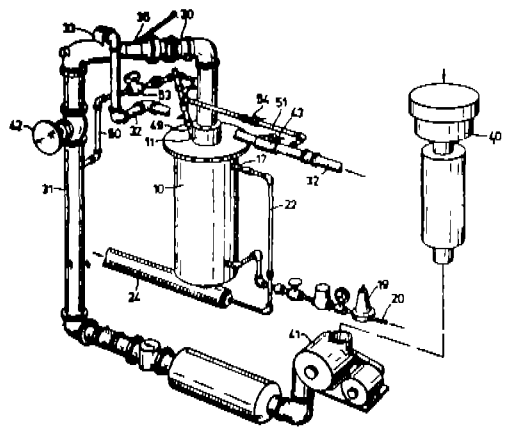


Fig. 1

Compl. Specn. 11 Pages Drgs. 2 Sheets

Class : 99 B 168908
Int. Cl. : B 65 D 1/00

"DRUM WITH SEALED FOLDED SEAM".

Applicant : KONINKLIJKE EMBALLAGE INDUSTRIE VAN LEER B. V. OF AMSTERDAMSEWEG 206, 1182 HL AMSTELVEEN, THE NETHERLANDS.

Inventors : (1) ROBERT KENNETH STAPLETON (2) ROBERT ANTONIUS MARIA JOSEPHUS FABRIE (3) PETER AREN VERHAGE (4) FREDERIK MARIA JACOB PEET.

Application No. 958/Cal/1988 filed on 18th November, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

9 Claims

Drum comprising a steel body and steel end walls which are joined together by means of a folded seam which is provided with a seal in the core, characterized in that the seal comprises a filament made of a deformed plastic, which can adhere with its surface to the steel surface of the folded seam parts, and is chemically resistant as regards the contents of the drum.

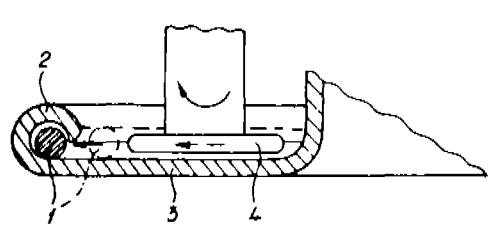


Fig. 1

Compl. Specn. 8 Pages Drg. Nil.

CLASS : 72 B 168909
Int. Cl. : C 06 B 31/00, 31/08, 31/28.

"A STORAGE-STABLE EXPLOSIVE COMPOSITION".

Applicants : (1) E.I. DU PONT DE NEMOURS AND COMPANY OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, LOCATED AT WILMINGTON DELAWARE 19898. (2) DU PONT CANADA INC. OF BOX 2200, STREETS-VILLE MISSISSAUGA ONTARIO CANADA L5M 2H3

Inventors : (1) JAMES HERMAN OWEN II (2) GORDON RUSSELL HONEYMAN.

Application No. 442/Cal/1989 filed on 8th June, 1989

[Divisional of Application No. 166/Cal/1986 anti dated 06-03-1986].

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta

12 Claims

A storage-stable explosive composition comprising a sensitized blend formed by combining inorganic nitrate particles such as herein described and an aqueous slurry comprising a thickened aqueous solution of an inorganic oxidizing salt such as herein described said slurry's water content and viscosity being restricted so as to make said slurry at once flowable and water-retentive, said slurry constituting from 5 to 60 percent, and said nitrate particles from 95 to 40 percent, of said blend by weight.

Compl. Specn. 25 Pages. Drg. Nil.

CLASS : 70 A 168910
Int. Cl. : C 25 B 9/00

"ELECTROLYTIC CELL FOR THE PRODUCTION OF HALOGENS OR HALATES FROM THEIR CORRESPONDING BRINE ELECTROLYTES."

Applicant : PENNWALT CORPORATION OF PENNWALT BUILDING, THREE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19102, UNITED STATES OF AMERICA.

Inventor : JIMMIE RAY HODGES.

Application No. 523/Cal/1990 filed on 25th June, 1990.

[Divisional of application No. 773/Cal/1986, ante dated 22-10-1986].

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

15 Claims

An electrolytic cell for the production of halogens or halates from their corresponding brine electrolytes, comprising:

(a) at least one anode comprising.

(i) a self supporting aluminum core having at least a portion that is adapted to be located within the interior of the cell and at least a part of said portion being adapted to be overlapped by adjacent cathodes;

(ii) a sheath of metal from the tatanium group completely covering at least that portion of said core that is adapted to be located within the interior of the container of cell during cell operation, and bonded as herein described to said core to salu core to provide strong metallurgical electro-conductive bond and,

(iii) an electroconductive coating of precious metal selected from the group consisting essentially of platinum, platinum-iridium alloy and ruthenium oxide, covering at least said overlapped part of said anode and sheath that is adapted to be overlapped by an adjacent cathode.

(b) an electrically conductive container for said electrolytes having a removable cover electrically insulated from a lower portion of the container;

(c) said anodes affixed to said cover and associated with pairs of cathodes that are electrically connected to said lower portion of the container with said anode and cathodes being adapted to be operatively positioned within said container such that at least a portion of each anode is overlapped by each adjacent cathode and the cathodes and anode are adapted to be immersed in said electrolytes;

(d) means for applying a DC voltage between the anode and said lower portion of the container :—

(e) means for introducing brine electrolyte into said lower portion of the container, and

(f) means for withdrawing from said container halogens or halates produced by electrolysis of said brine

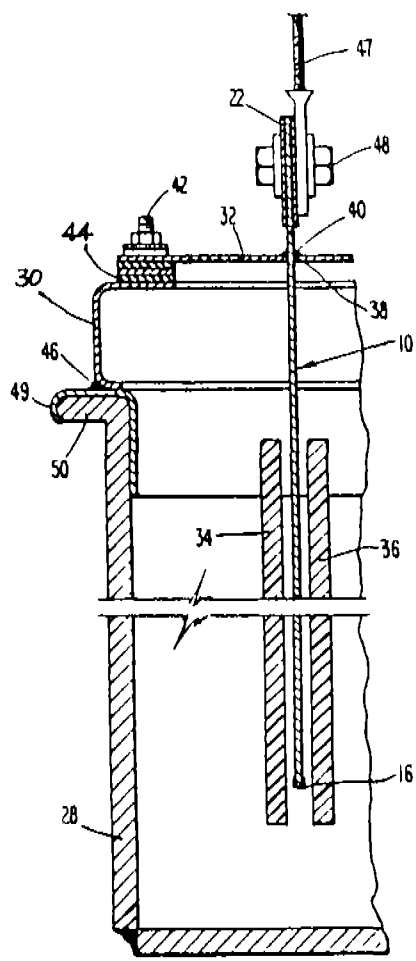


Fig. 3

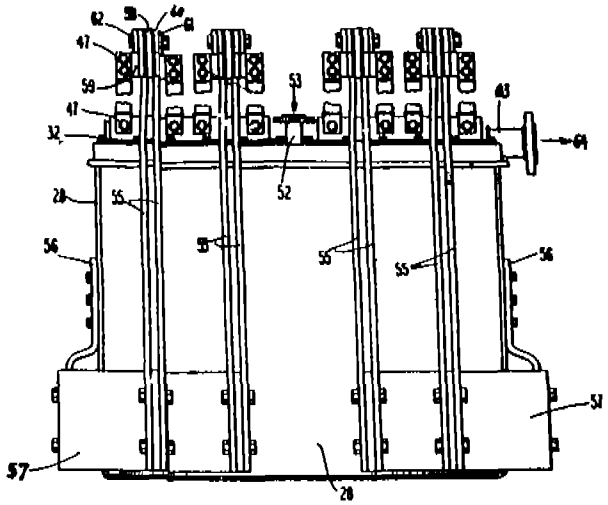


Fig. 4

Compl. Specn. 23 Pages. Drgs. 5 Sheets.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration of the design included in the entry.

Class 1. No. 162734. Palsanlya Engineering Works, of Shop No. 2, 148, Imam Wada Road, Bombay-400009, Maharashtra, India. Indian Proprietory Firm. "Carburetter". December 7, 1990.

" No. 163029, Parker Pen (Benelux) B.V., a Dutch Company of Parker House, 4817 BL Breda, The Netherlands. "Propelling Pencil". Priority date January 16, 1991 (UK).

" No. 163030 Parker Pen (Beneluz) B. V., a Dutch Company of Parker House, 4817 BL Breda, The Netherlands. "Ball Pen". Priority date January 16, 1991 (UK)

" No. 163031. Partecipazioni Bulgari S.P.A., an Italian Company of No. 5, Via Gregoriana-00187, Roma, Italy. "Ring". March 15, 1991.

" No. 163032 Partecipazioni Bulgari S P.A., an Italian Company of No. 5, Via Gregoriana-00187, Roma, Italy. "Earing". March 15, 1991.

" No 163034. Partecipazioni Bulgari S.P.A., an Italian Company of No. 5, Via Gregoriana-00187, Roma, Italy "Bracelet". March 15, 1991.

" No. 163033.Partecipazioni Bulgari S.P.A., an Italian Company of No. 5, Via Gregoriana-00187, Roma, Italy "Necklace". March 15, 1991.

" No 163087. Rajesh Mirajker, Indian of No. 11, Club House Road, Mount Road, Madras-600002, T.N., India. "Mini Car". March 26, 1991.

Class 3. Nos. 162695 & 162696. Hawkins Cookers Limited, F-101, Maker Towers, P.O. Box 16083, Cuffe Parade, Bombay-400005, Maharashtra, India, Indian Company. "Handle for the body of pressure cooker". November 27, 1990.

" No. 163069. Sumeet Research & Holdings Limited of Plot No. 55, Indus Trial Estate, Ambattur, Madras-600058, T.N., India, Indian Company. "Grinder-cum-Mixer". March 22, 1991.

" No. 163071. Sumeet Research & Holdings Limited of Plot No. 55, Indus Trial Estate, Ambattur, Madras-600058, T.N., India, Indian Company "Grinding Jar". March 22, 1991.

Class 4. No. 162730. Lawrence Vincent, proprietor of Architectural Systems of 3, Central Avenue, Taylore Estate, Madras-600024, T. N., India, Indian. "Prefabricated fibreglass public toilet unit". December 6, 1990.

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